

Command . . . . . : CRTRPGMOD  
Issued by . . . . . : KRESINR

Module . . . . . : SMOE0258  
Library . . . . . : ROBINK  
Text 'description' . . . . . : \*SRCMBRTXT

Source Member . . . . . : SMOE0258  
Source File . . . . . : QRPGLSRC  
Library . . . . . : ROBINK  
CCSID . . . . . : 37  
Text 'description' . . . . . : Web Service - Send Mexico Invoice - Doug's 2nd  
Last Change . . . . . : 07/10/14 11:35:47

Generation severity level . . . : 10  
Compiler options . . . . . : \*XREF \*GEN \*NOSECLVL \*SHOWCPY  
\*EXPDDS \*EXT \*NOSHOWSKP \*NOSRCSTMT  
\*DEBUGIO \*NOEVENTF

Debugging views . . . . . : \*SOURCE  
Output . . . . . : \*PRINT  
Optimization level . . . . . : \*NONE  
Source listing indentation . . . : \*NONE  
Type conversion options . . . . : \*NONE  
Sort sequence . . . . . : \*HEX  
Language identifier . . . . . : \*JOB RUN  
Replace module . . . . . : \*YES  
Authority . . . . . : \*LIBCRTAUT  
Truncate numeric . . . . . : \*YES  
Fix numeric . . . . . : \*NONE  
Target release . . . . . : \*CURRENT  
Allow null values . . . . . : \*NO  
Binding directory . . . . . : \*NONE  
Define condition names . . . . . : \*NONE  
Enable performance collection . : \*PEP  
Profiling data . . . . . : \*NOCOL  
Licensed Internal Code options . :  
Generate program interface . . . : \*NO  
Include directory . . . . . :  
Preprocessor options . . . . . : \*NONE

Line	<----- Source Specifications ----->	Comments	Do	Page	Change	Src	Seq
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## S o u r c e L i s t i n g

1	H BNDDIR('QC2LE': 'BASE64') option(*srcstmt : *nodebugio)	140710	000100
000200	H*DFTACTGRP(*NO) BNDDIR('HTTAPI' : 'BASE64' : 'QC2LE')	140710	000200
000300	H*EXTBININT(*YES)	140710	000300
000400		140710	000400
000500	* This code was mostly shared by Tom Raddatz and Scott	140710	000500
000600	* Klement	140710	000600
000700	F*	140710	000700
000800	* Compile Instructions	140710	000800
000900	F* -----	140710	000900
001000	F* ADDLIBLE LIBHTP_B - make it first	140710	001000
001100	F* WSDL2RPG - then add this library	140710	001100
001200	F*	140710	001200
001300	F* ctrprgmod module(robink/smoe0258) srcfile(robink/qrpglesrc)	140710	001300
001400	f* dbgview(*source)	140710	001400
001500		140710	001500
001600	F* =====	140710	001600
001700	F* CRTPGM pgm(robink/SMOE0258) Module(robink/smoe0258)	140710	001700
001800	f* bndsrvgpm(aplus2mts/posx_srv robink/WS0001) actgrp(*New)	140710	001800

```
*-----*
* Compiler Options in Effect:                      *
*-----*
* Text 'description' . . . . . :                    *
*      Web Service - Send Mexico Invoice - Doug's 2nd *
*
* Generation severity level . . . : 10                *
* Compiler options . . . . . : *XREF      *GEN         *
*      *NOSECLVL *SHOWCPY      *
*      *EXPDDS   *EXT          *
*      *NOSHOWSKP *SRCSTMT     *
*      *NODEBUGIO *NOEVENTF    *
* Optimization level . . . . . : *NONE                *
* Source listing indentation . . . : *NONE             *
* Type conversion options . . . . : *NONE              *
* Sort sequence . . . . . : *HEX                      *
* Language identifier . . . . . : *JOBRUN              *
* Authority . . . . . : *LIBCRTAUT                    *
* Truncate numeric . . . . . : *YES                    *
* Fix numeric . . . . . : *NONE                        *
* Allow null values . . . . . : *NO                     *
* Binding directory from Command . : *NONE              *
* Binding directory from Source . : QC2LE      BASE64   *
*      Library . . . . . : *LIBL      *LIBL            *
* Enable performance collection . : *PEP               *
* Profiling data . . . . . : *NOCOL                     *
```

001900	Fsecfilel1 if e k disk	140710	001900
*-----*			
	RPG name	External name	*
* File name.	SECFILEL1	APLUS2FTS/SECFILEL1	*
* Record format(s)	SECFILR	SECFILR	*
*-----*			

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Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
002000	Fuseml if e k disk			140710		002000	
-----*							
	* RPG name External name					*	
	* File name. . . . . : USEML APLUS2/USEML					*	
	* Record format(s) . . . . : USEMLR USEMLR					*	
-----*							
002100	FQSYSPRT O F 80 PRINTER OFLIND(*in70)			140710		002100	
002200	*-----			140710		002200	
002300	D qcmd s 350a			140710		002300	
002400	D qcmlen s 15p 5 inz(350)			140710		002400	
002500	D emladrs s 250a			140710		002500	
002600	D emlmsg s 100a			140710		002600	
002700	D emlsub s 80a			140710		002700	
002800	D @PassW s 20a inz('ppppdpppp')			140710		002800	
002900	D @UserID s 20a inz('uuuuuuuuu')			140710		002900	
003000	D @LABNet s 50a inz('Intranetslab.com')			140710		003000	
003100	D @SOLCFD s 6a inz('SOLCFD')			140710		003100	
003200	D @INVOICEa2 s 8a			140710		003200	
003300	D @TVHMEX s 6a inz('TVHMEX')			140710		003300	
003400	D @INVOICE# s 10i 0			140710		003400	
003500	D @FolderName s 38a			140710		003500	
003600	D @Path s 70a			140710		003600	
003700	D @INVOICEN s 8s 0			140710		003700	
003800	D SFFIL s 34a			140710		003800	
003900	D SFTyp s 10a			140710		003900	
004000	D SFSiz s 12a			140710		004000	
004100	D SFDat s 8a			140710		004100	
004200	D SFTim s 6a			140710		004200	
004300	D IFPATH s 250			140710		004300	
004400	D PathFile s 250			140710		004400	
004500	* Get input parameter			140710		004500	
004600	D i s 10i 0			140710		004600	
004700	D char s 1A			140710		004700	
004800	D isQuoted s N inz(*OFF)			140710		004800	
004900	D QUOTE c ''			140710		004900	
005000	D SPACE c ' '			140710		005000	
005100				140710		005100	
005200	* Read file			140710		005200	
005300	D statbuf s like(statds)			140710		005300	
005400	D fd s 10i 0 inz(-1)			140710		005400	
005500	D IFS s 256A varying			140710		005500	
005600	D size s 10i 0			140710		005600	
005700	D fileBuffer s 65000A			140710		005700	
005800				140710		005800	
005900	* Encode to BASE64			140710		005900	
006000	D base64 ds qualified			140710		006000	
006100	D length s 5i 0			140710		006100	
006200	D value s 58498A			140710		006200	
006300	D string s 58500A varying overlay(base64)			140710		006300	
006400				140710		006400	
006500	D msg s 52A			140710		006500	
006600	D @ErrCDE s 2A			140710		006600	
006700				140710		006700	
006800	D ifsfile s 256a			140710		006800	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
006900	D dir	s	*		140710		006900
007000	D epoch	s	Z	inz(z'1970-01-01-00.00.00.000000')	140710		007000
007100	D mydate	s	D		140710		007100
007200	D mytime	s	T		140710		007200
007300	D worktime	s	8A		140710		007300
007400	D utcoffset	s	10I 0		140710		007400
007500	* This is provided by the Web Service				140710		007500
007600	*/copy POSIX_ServiceSoap.rpgleinc				140710		007600
007700	d OutputText	s	50		140710		007700
007800	D PathDate	s	8s 0		140710		007800
007900	* DO NOT confuse this witht he one in qcpysrc in aplus2m				140710		007900
008000	* This is copying the one from libhttp				140710		008000
008100	/copy qrpglesrc,httpapi_h				140710		008100
-----*							
	* RPG member name	. . . . .	:	HTTPAPI_H			1
	* External name	. . . . .	:	LIBHTTP_B/QRPGLESRC(HTTPAPI_H)			1
	* Last change	. . . . .	:	07/09/14 16:50:44			1
	* Text 'description'	. . . . .	:	HTTP-API header member			1
-----*							
000100+	/*-				000000		1000100
000200+	* Copyright (c) 2001-2012 Scott C. Klement				000000		1000200
000300+	* All rights reserved.				000000		1000300
000400+	*				000000		1000400
000500+	* Redistribution and use in source and binary forms, with or without				000000		1000500
000600+	* modification, are permitted provided that the following conditions				000000		1000600
000700+	* are met:				000000		1000700
000800+	* 1. Redistributions of source code must retain the above copyright				000000		1000800
000900+	* notice, this list of conditions and the following disclaimer.				000000		1000900
001000+	* 2. Redistributions in binary form must reproduce the above copyright				000000		1001000
001100+	* notice, this list of conditions and the following disclaimer in the				000000		1001100
001200+	* documentation and/or other materials provided with the distribution.				000000		1001200
001300+	*				000000		1001300
001400+	* THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS 'AS IS' AND				000000		1001400
001500+	* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE				000000		1001500
001600+	* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE				000000		1001600
001700+	* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE				000000		1001700
001800+	* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL				000000		1001800
001900+	* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS				000000		1001900
002000+	* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)				000000		1002000
002100+	* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT				000000		1002100
002200+	* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY				000000		1002200
002300+	* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF				000000		1002300
002400+	* SUCH DAMAGE.				000000		1002400
002500+	*				000000		1002500
002600+	*/				000000		1002600
002700+					000000		1002700
002800+	/if defined(HTTPAPI_H)				000000		1002800
	LINES EXCLUDED: 1						
003000+	/endif				000000		1003000
003100+					000000		1003100
003200+	D HTTPAPI_VERSION...				000000		1003200
003300+	D	C		CONST('1.25beta2')	000000		1003300
003400+	D HTTPAPI_RELDATE...				000000		1003400
003500+	D	C		CONST('2012-03-06')	000000		1003500
003600+					000000		1003600
003700+	/copy LIBHTTP_B/qrpglesrc,config_h				000000		1003700

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10		Num	Line	Date	Id	Number
-----*							
	* RPG member name . . . . . : CONFIG_H						2
	* External name . . . . . : LIBHTTP_B/QRPGLESRC(CONFIG_H)						2
	* Last change . . . . . : 07/09/14 16:50:44						2
-----*							
000100+***	If you do not want SSL support, comment out the line below.				000000		2000100
000200+***	(You _must_ do this if you're running V4R4 or earlier)				000000		2000200
000300+					000000		2000300
000400+D/undefine HAVE_SSLAPI					000000		2000400
000500+					000000		2000500
000600+***	define this if your RPG compiler supports 64-bit integers				000000		2000600
000700+***	(they were introduced in V4R4)				000000		2000700
000800+***					000000		2000800
000900+					000000		2000900
001000+D/define HAVE_INT64					000000		2001000
001100+					000000		2001100
001200+***	define this if your RPG compiler supports				000000		2001200
001300+***	options(*SRCSTMT: *NODEBUGIO: *NOSHOWCPY)				000000		2001300
001400+***	(they were introduced in V4R4, but can be enabled as far				000000		2001400
001500+***	back as V3R2 using PTFs)				000000		2001500
001600+					000000		2001600
001700+D/define HAVE_SRCSTMT_NODEBUGIO					000000		2001700
001800+					000000		2001800
001900+***	In V4R5 it's possible to enable GSKit for SSL via				000000		2001900
002000+***	PTFs. However, some functionality wasn't yet available				000000		2002000
002100+***	in that release. Define this if you need SSL to be limited				000000		2002100
002200+***	to what's available on a V4R5 system. (This is ignored				000000		2002200
002300+***	when SSL is disabled.)				000000		2002300
002400+					000000		2002400
002500+D/undefine V4R5_GSKIT					000000		2002500
002600+					000000		2002600
002700+***	This is the default timeout value (in seconds) that HTTPAPI				000000		2002700
002800+***	uses if a timeout value isn't specified by the calling				000000		2002800
002900+***	program:				000000		2002900
003000+					000000		2003000
003100+D HTTP_TIMEOUT C	CONST(60)				000000		2003100
003200+					000000		2003200
003300+***	This is the 'User-Agent' name that is reported by this API				000000		2003300
003400+***	to the web servers if you don't specify it explicitly when				000000		2003400
003500+***	calling the routines.				000000		2003500
003600+					000000		2003600
003700+D HTTP_USERAGENT C	CONST('http-api/1.24')				000000		2003700
003800+					000000		2003800
003900+***	This is the 'Content-Type' that is reported by this API				000000		2003900
004000+***	to the web servers if you don't specify it explicitly when				000000		2004000
004100+***	calling the POST routines. (the GET routines, by default,				000000		2004100
004200+***	do not specify a content-type.)				000000		2004200
004300+					000000		2004300
004400+D HTTP_CONTYPE C	CONST('text/xml')				000000		2004400
004500+					000000		2004500
004600+***	The original implementation of HTTPAPI used tables				000000		2004600
004700+***	(*TBL objects) to translate from ASCII to EBCDIC. These can				000000		2004700
004800+***	be enabled/set by defining the HTTP_USE_TABLES condition,				000000		2004800
004900+***	and then setting the table names. They can be overridden				000000		2004900
005000+***	at runtime by calling HTTP_setTables().				000000		2005000
005100+***					000000		2005100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1	2	3	4	5	6	7
005200+***	In the current implementation, we prefer that you use CCSIDs				000000		2005200
005300+***	instead of tables. When HTTP_USE_TABLES is not defined,				000000		2005300
005400+***	the HTTP_EBCDIC and HTTP_ASCII constants represent the				000000		2005400
005500+***	default CCSIDs for ASCII<-->EBCDIC translation. They can be				000000		2005500
005600+***	overridden at runtime by calling HTTP_setCCSIDs()				000000		2005600
005700+***					000000		2005700
005800+					000000		2005800
005900+	/undefine HTTP_USE_TABLES				000000		2005900
006000+	/if defined(HTTP_USE_TABLES)				000000		2006000
	LINES EXCLUDED: 2						
006300+	/else				000000		2006300
006400+D	HTTP_EBCDIC C	CONST(0)			000000		2006400
006500+D	HTTP_ASCII C	CONST(819)			000000		2006500
006600+	/endif				000000		2006600
006700+					000000		2006700
006800+***	This is the codepage or CCSID assigned to downloaded stream				000000		2006800
006900+***	files by default. (Note: HTTPAPI does not convert the file				000000		2006900
007000+***	to this CCSID, it just assigns this number to the file's				000000		2007000
007100+***	attributes.)				000000		2007100
007200+***					000000		2007200
007300+***	Whether this is treated as a CCSID or a codepage depends on				000000		2007300
007400+***	the value of the HTTP USE CCSID condition, below.				000000		2007400
007500+***					000000		2007500
007600+***	Can be overridden at runtime by calling HTTP_SetFileCCSID()				000000		2007600
007700+					000000		2007700
007800+D	HTTP_CCSID C	CONST(819)			000000		2007800
007900+					000000		2007900
008000+***	Starting in V5R1, a full CCSID is available in the IFS				000000		2008000
008100+***	instead of a codepage. When this is defined, CCSID support				000000		2008100
008200+***	will be used instead of codepages				000000		2008200
008300+					000000		2008300
008400+D	/define HTTP_USE_CCSID				000000		2008400
008500+					000000		2008500
008600+***	This is the file mode used when creating files in the IFS.				000000		2008600
008700+***	(Caution: This mode is given in DECIMAL, not octal!)				000000		2008700
008800+***	Octal 666 = Decimal 438 (RW-RW-RW-)				000000		2008800
008900+***	Octal 644 = Decimal 420 (RW-R--R--)				000000		2008900
009000+***	Octal 777 = Decimal 511 (RWXRWRWX)				000000		2009000
009100+***	Octal 755 = Decimal 493 (RWXR-XR-X)				000000		2009100
009200+					000000		2009200
009300+D	HTTP_IFSMODE C	CONST(511)			000000		2009300
009400+					000000		2009400
009500+***	HTTPAPI normally uses non-blocking sockets to ensure that				000000		2009500
009600+***	the session never "hangs". However, during the connection				000000		2009600
009700+***	progress, this can mean that information gets lost.				000000		2009700
009800+***					000000		2009800
009900+***	Define this to wait until after the connection is established				000000		2009900
010000+***	before switching the socket to non-blocking.				000000		2010000
010100+D	/define HTTP_BLOCK_ON_CONNECT				000000		2010100
010200+					000000		2010200
010300+***					000000		2010300
010400+***	This determines whether Cookies are turned *ON or *OFF				000000		2010400
010500+***	by default.				000000		2010500
010600+***					000000		2010600
010700+D	HTTP_COOKIE_DEFAULT...				000000		2010700
010800+D	C	CONST(*ON)			000000		2010800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
010900+				000000		2010900	
011000+***	This changes whether debugging is on or off by default.			000000		2011000	
011100+***	You can override this at runtime by calling the http_debug()			000000		2011100	
011200+***	procedure.			000000		2011200	
011300+D/undefine	DEBUG			000000		2011300	
011400+DHTTP_DEBUG_FILE	s 500A varying			000000		2011400	
011500+D	inz('/tmp/httpapi_debug.txt')			000000		2011500	
011600+				000000		2011600	
011700+***	This changes how memory is allocated. If defined, HTTPAPI			000000		2011700	
011800+***	will allocate memory in TERASPACE, thus allowing for very			000000		2011800	
011900+***	large allocations.			000000		2011900	
012000+D/undefine	USE_TS_MALLOC64			000000		2012000	
012100+D/undefine	USE_TS_MALLOC64			000000		2012100	
012200+***	With both turned off (default) up to 16 MB per allocation.			000000		2012200	
012300+***	WARNING: This is currently experimental!! If you have			000000		2012300	
012400+***	problems, make sure TERASPACE is undefined.			000000		2012400	
012500+D/undefine	TERASPACE			000000		2012500	
012600+D/undefine	USE_TS_MALLOC64			000000		2012600	
012700+				000000		2012700	
012800+***	This allows access to V5R3 (or higher) functions in the			000000		2012800	
012900+***	SSL environment. Only define this if HTTPAPI will be used			000000		2012900	
013000+***	on V5R3 or later.			000000		2013000	
013100+D/undefine	V5R3_GSKIT			000000		2013100	
003800+				000000		1003800	
003900+	*****			000000		1003900	
004000+	** procedure prototypes			000000		1004000	
004100+	*****			000000		1004100	
004200+				000000		1004200	
004300+	*+++++			000000		1004300	
004400+	* http_get(): Retrieve an HTTP document			000000		1004400	
004500+	* http_url_get(): Retrieve an HTTP document			000000		1004500	
004600+	*			000000		1004600	
004700+	* peURL = url to grab (i.e. http://www.blah.com/dir/file.txt)			000000		1004700	
004800+	* peFilename = filename in IFS to save response into			000000		1004800	
004900+	* peTimeout = (optional) give up if no data is received for			000000		1004900	
005000+	* this many seconds.			000000		1005000	
005100+	* peModTime = (optional) only get file if it was changed since			000000		1005100	
005200+	* this timestamp.			000000		1005200	
005300+	* peContentType = (optional) content type to supply (mainly			000000		1005300	
005400+	* useful when talking to CGI scripts.) To supply the			000000		1005400	
005500+	* default value for this parm, you can supply the			000000		1005500	
005600+	* HTTP_CONTENTTYPE constant.			000000		1005600	
005700+	* peUserAgent = (optional) This specifies the name & version			000000		1005700	
005800+	* of your HTTP client to the server. The server uses			000000		1005800	
005900+	* it for statistics and sometimes to restrict pages			000000		1005900	
006000+	* so that they're "only for Internet Explorer."			000000		1006000	
006100+	* peSOAPAction = (optional) string used to specify the action			000000		1006100	
006200+	* taken by some SOAP applications.			000000		1006200	
006300+	* - pass *blanks to send an empty SoapAction.			000000		1006300	
006400+	* - pass *omit (or don't pass the parm at all) if			000000		1006400	
006500+	* you don't want a SoapAction header to be sent.			000000		1006500	
006600+	*			000000		1006600	
006700+	* Returns -1 = internal error (check HTTP_ERROR)			000000		1006700	
006800+	* 0 = timeout while receiving data or connecting			000000		1006800	
006900+	* 1 = file retrieved successfully			000000		1006900	
007000+	* > 1 = HTTP response code indicating server's error reply			000000		1007000	

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Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ...1....+...2....+...3....+...4....+...5....+...6....+...7....+...8....+...9....+...10 Num Line Date Id Number
007100+ *+++++
007200+D http_get PR 10I 0 extproc('HTTP_URL_GET') 000000 1007200
007300+D peURL 32767A varying const options(*varsize) 000000 1007300
007400+D peFilename 32767A varying const options(*varsize) 000000 1007400
007500+D peTimeout 10I 0 value options(*nopass) 000000 1007500
007600+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1007600
        LINES EXCLUDED: 4
008100+ /else 000000 1008100
008200+D peUserAgent 16384A varying const 000000 1008200
008300+D options(*nopass:*omit) 000000 1008300
008400+D peModTime Z const options(*nopass:*omit) 000000 1008400
008500+D peContentType 16384A varying const 000000 1008500
008600+D options(*nopass:*omit) 000000 1008600
008700+D peSOAPAction 16384A varying const 000000 1008700
008800+D options(*nopass:*omit) 000000 1008800
008900+ /endif 000000 1008900
009000+D http_url_get PR 10I 0 000000 1009000
009100+D peURL 32767A varying const options(*varsize) 000000 1009100
009200+D peFilename 32767A varying const options(*varsize) 000000 1009200
009300+D peTimeout 10I 0 value options(*nopass) 000000 1009300
009400+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1009400
        LINES EXCLUDED: 4
009900+ /else 000000 1009900
010000+D peUserAgent 16384A varying const 000000 1010000
010100+D options(*nopass:*omit) 000000 1010100
010200+D peModTime Z const options(*nopass:*omit) 000000 1010200
010300+D peContentType 16384A varying const 000000 1010300
010400+D options(*nopass:*omit) 000000 1010400
010500+D peSOAPAction 16384A varying const 000000 1010500
010600+D options(*nopass:*omit) 000000 1010600
010700+ /endif 000000 1010700
010800+ 000000 1010800
010900+ 000000 1010900
011000+ *+++++ 000000 1011000
011100+ * http_url_post(): Post data to CGI script and get document 000000 1011100
011200+ * 000000 1011200
011300+ * peURL = url to post to (http://www.blah.com/cgi-bin/etc) 000000 1011300
011400+ * pePostData = pointer to data to post to CGI script. 000000 1011400
011500+ * pePostDataLen = length of data to post to CGI script. 000000 1011500
011600+ * peFileName = Filename in IFS to save response into 000000 1011600
011700+ * peTimeout = (optional) give up if no data is received for 000000 1011700
011800+ * this many seconds. 000000 1011800
011900+ * peUserAgent = (optional) User-Agent string passed to the 000000 1011900
012000+ * server. Pass the named constant HTTP_USERAGENT 000000 1012000
012100+ * if you want to get the default value. 000000 1012100
012200+ * peContentType = (optional) content type to supply (mainly 000000 1012200
012300+ * useful when talking to CGI scripts) 000000 1012300
012400+ * peSOAPAction = (optional) string used to specify the action 000000 1012400
012500+ * taken by some SOAP applications. 000000 1012500
012600+ * - pass *blanks to send an empty SoapAction. 000000 1012600
012700+ * - pass *omit (or don't pass the parm at all) if 000000 1012700
012800+ * you don't want a SoapAction header to be sent. 000000 1012800
012900+ * 000000 1012900
013000+ * Returns -1 = internal error (check HTTP_ERROR) 000000 1013000
013100+ * 0 = timeout while receiving data or connecting 000000 1013100
013200+ * 1 = file retrieved successfully 000000 1013200
```



```
Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ....1....2....3....4....5....6....7....8....9....10 Num Line Date Id Number
013300+ * > 1 = HTTP response code indicating server's error reply 000000 1013300
013400+ *+++++ 000000 1013400
013500+D http_post PR 10I 0 EXTPROC('HTTP_URL_POST') 000000 1013500
013600+D peURL 32767A varying const options(*varsize) 000000 1013600
013700+D pePostData * value 000000 1013700
013800+D pePostDataLen 10I 0 value 000000 1013800
013900+D peFilename 32767A varying const options(*varsize) 000000 1013900
014000+D peTimeout 10I 0 value options(*nopass) 000000 1014000
014100+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1014100
        LINES EXCLUDED: 3
014500+ /else 000000 1014500
014600+D peUserAgent 16384A varying const 000000 1014600
014700+D options(*nopass:*omit) 000000 1014700
014800+D peContentType 16384A varying const 000000 1014800
014900+D options(*nopass:*omit) 000000 1014900
015000+D peSOAPAction 16384A varying const 000000 1015000
015100+D options(*nopass:*omit) 000000 1015100
015200+ /endif 000000 1015200
015300+D http_url_post PR 10I 0 000000 1015300
015400+D peURL 32767A varying const options(*varsize) 000000 1015400
015500+D pePostData * value 000000 1015500
015600+D pePostDataLen 10I 0 value 000000 1015600
015700+D peFilename 32767A varying const options(*varsize) 000000 1015700
015800+D peTimeout 10I 0 value options(*nopass) 000000 1015800
015900+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1015900
        LINES EXCLUDED: 3
016300+ /else 000000 1016300
016400+D peUserAgent 16384A varying const 000000 1016400
016500+D options(*nopass:*omit) 000000 1016500
016600+D peContentType 16384A varying const 000000 1016600
016700+D options(*nopass:*omit) 000000 1016700
016800+D peSOAPAction 16384A varying const 000000 1016800
016900+D options(*nopass:*omit) 000000 1016900
017000+ /endif 000000 1017000
017100+ 000000 1017100
017200+ 000000 1017200
017300+ *+++++ 000000 1017300
017400+ * http_url_get_raw(): Retrieve an HTTP document (in raw mode) 000000 1017400
017500+ * 000000 1017500
017600+ * peURL = url to grab (i.e. http://www.blah.com/dir/file.txt) 000000 1017600
017700+ * peFD = FD to pass back to peProc 000000 1017700
017800+ * peProc = procedure to call each time data is received. 000000 1017800
017900+ * peTimeout = (optional) give up if no data is received for 000000 1017900
018000+ * this many seconds. 000000 1018000
018100+ * peUserAgent = (optional) User-Agent string passed to the 000000 1018100
018200+ * server. Pass the named constant HTTP_USERAGENT 000000 1018200
018300+ * if you want to get the default value. 000000 1018300
018400+ * peModTime = (optiona) only get file if it was changed since 000000 1018400
018500+ * this timestamp. 000000 1018500
018600+ * peContentType = (optional) content type to supply (mainly 000000 1018600
018700+ * useful when talking to CGI scripts) 000000 1018700
018800+ * peSOAPAction = (optional) string used to specify the action 000000 1018800
018900+ * taken by some SOAP applications. 000000 1018900
019000+ * - pass *blanks to send an empty SoapAction. 000000 1019000
019100+ * - pass *omit (or don't pass the parm at all) if 000000 1019100
019200+ * you don't want a SoapAction header to be sent. 000000 1019200
```

```
Line <----- Source Specifications -----><--- Comments ---> Do Page Change Src Seq
Number ...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10 Num Line Date Id Number
019300+ * 000000 1019300
019400+ * Returns (same as http_url_get) 000000 1019400
019500+ *+++++ 000000 1019500
019600+D http_url_get_raw... 000000 1019600
019700+D PR 10I 0 000000 1019700
019800+D peURL 32767A varying const options(*varsize) 000000 1019800
019900+D peFD 10I 0 value 000000 1019900
020000+D peProc * value procptr 000000 1020000
020100+D peTimeout 10I 0 value options(*nopass) 000000 1020100
020200+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1020200
        LINES EXCLUDED: 4
020700+ /else 000000 1020700
020800+D peUserAgent 16384A varying const 000000 1020800
020900+D options(*nopass:*omit) 000000 1020900
021000+D peModTime Z const options(*nopass:*omit) 000000 1021000
021100+D peContentType 16384A varying const 000000 1021100
021200+D options(*nopass:*omit) 000000 1021200
021300+D peSOAPAction 16384A varying const 000000 1021300
021400+D options(*nopass:*omit) 000000 1021400
021500+ /endif 000000 1021500
021600+ 000000 1021600
021700+ 000000 1021700
021800+ *+++++ 000000 1021800
021900+ * http_url_post_raw(): Post data to CGI script and get document 000000 1021900
022000+ * 000000 1022000
022100+ * peURL = url to post to (http://www.blah.com/cgi-bin/etc) 000000 1022100
022200+ * pePostData = pointer to data to post to CGI script. 000000 1022200
022300+ * pePostDataLen = length of data to post to CGI script. 000000 1022300
022400+ * peFD = FD to pass back to peProc 000000 1022400
022500+ * peProc = procedure to call each time data is received. 000000 1022500
022600+ * peTimeout = (optional) give up if no data is received for 000000 1022600
022700+ * this many seconds. 000000 1022700
022800+ * peUserAgent = (optional) User-Agent string passed to the 000000 1022800
022900+ * server. Pass the named constant HTTP_USERAGENT 000000 1022900
023000+ * if you want to get the default value. 000000 1023000
023100+ * peContentType = (optional) content type to supply (mainly 000000 1023100
023200+ * useful when talking to CGI scripts) 000000 1023200
023300+ * peSOAPAction = (optional) string used to specify the action 000000 1023300
023400+ * taken by some SOAP applications. 000000 1023400
023500+ * - pass *blanks to send an empty SoapAction. 000000 1023500
023600+ * - pass *omit (or don't pass the parm at all) if 000000 1023600
023700+ * you don't want a SoapAction header to be sent. 000000 1023700
023800+ * 000000 1023800
023900+ * Returns (same as http_url_post) 000000 1023900
024000+ *+++++ 000000 1024000
024100+D http_url_post_raw... 000000 1024100
024200+D PR 10I 0 000000 1024200
024300+D peURL 32767A varying const options(*varsize) 000000 1024300
024400+D pePostData * value 000000 1024400
024500+D pePostDataLen 10I 0 value 000000 1024500
024600+D peFD 10I 0 value 000000 1024600
024700+D peProc * value procptr 000000 1024700
024800+D peTimeout 10I 0 value options(*nopass) 000000 1024800
024900+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1024900
        LINES EXCLUDED: 3
025300+ /else 000000 1025300
```

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
025400+D	peUserAgent	16384A			000000		1025400
025500+D					000000		1025500
025600+D	peContentType	16384A			000000		1025600
025700+D					000000		1025700
025800+D	peSOAPAction	16384A			000000		1025800
025900+D					000000		1025900
026000+ /endif					000000		1026000
026100+					000000		1026100
026200+					000000		1026200
026300+	*****						1026300
026400+	* http_ParseURL(): Parse URL into it's component parts						1026400
026500+	*						1026500
026600+	* Breaks a uniform resource locator (URL) into it's component						1026600
026700+	* pieces for use with the http: or https: protocols. (would also						1026700
026800+	* work for FTP with minor tweaks)						1026800
026900+	*						1026900
027000+	* peURL = URL that needs to be parsed.						1027000
027100+	* peService = service name from URL (i.e. http or https)						1027100
027200+	* peUserName = user name given, or *blanks						1027200
027300+	* pePassword = password given, or *blanks						1027300
027400+	* peHost = hostname given in URL. (could be domain name or IP)						1027400
027500+	* pePort = port number to connect to, if specified, otherwise 0.						1027500
027600+	* pePath = remaining path/request for server.						1027600
027700+	*						1027700
027800+	* returns -1 upon failure, or 0 upon success						1027800
027900+	*****						1027900
028000+D	http_ParseURL PR	10I 0			000000		1028000
028100+D	peURL	256A	const		000000		1028100
028200+D	peService	32A			000000		1028200
028300+D	peUserName	32A			000000		1028300
028400+D	pePassword	32A			000000		1028400
028500+D	peHost	256A			000000		1028500
028600+D	pePort	10I 0			000000		1028600
028700+D	pePath	256A			000000		1028700
028800+					000000		1028800
028900+					000000		1028900
029000+	*****						1029000
029100+	* http_build_sockaddr(): Build a socket address structure for a host						1029100
029200+	*						1029200
029300+	* peHost = hostname to build sockaddr_in for						1029300
029400+	* peService = service name (or port) to build sockaddr_in for						1029400
029500+	* peForcePort = numeric port to force entry to, overrides peService						1029500
029600+	* peSockAddr = pointer to a location to place a sockaddr_in into.						1029600
029700+	* (if *NULL, memory will be allocated, otherwise it will						1029700
029800+	* be re-alloc'ed)						1029800
029900+	*						1029900
030000+	* returns -1 upon failure, 0 upon success						1030000
030100+	*****						1030100
030200+D	http_build_sockaddr...				000000		1030200
030300+D	PR	10I 0			000000		1030300
030400+D	peHost	256A	const		000000		1030400
030500+D	peService	32A	const		000000		1030500
030600+D	peForcePort	10I 0	value		000000		1030600
030700+D	peSockAddr	*			000000		1030700
030800+					000000		1030800
030900+	*****						1030900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
031000+	* http_close(): close HTTP connection			000000		1031000	
031100+	*			000000		1031100	
031200+	* peSock = socket to close			000000		1031200	
031300+	* peComm = comm driver opened with http_select_commdriver()			000000		1031300	
031400+	*			000000		1031400	
031500+	* returns -1 upon failure, or 0 upon success			000000		1031500	
031600+	*****			000000		1031600	
031700+D	http_close PR 10I 0			000000		1031700	
031800+D	peSock 10I 0 value			000000		1031800	
031900+D	peComm * value			000000		1031900	
032000+				000000		1032000	
032100+				000000		1032100	
032200+	*****			000000		1032200	
032300+	* http_error(): Return the last error that occurred.			000000		1032300	
032400+	*			000000		1032400	
032500+	* peErrorNo = (optional) error number that occurred.			000000		1032500	
032600+	*			000000		1032600	
032700+	* Returns the human-readable error message.			000000		1032700	
032800+	*****			000000		1032800	
032900+D	http_error PR 80A			000000		1032900	
033000+D	peErrorNo 10I 0 options(*nopass:*omit)			000000		1033000	
033100+				000000		1033100	
033200+	/if defined(HAVE_SSLAPI)			000000		1033200	
	LINES EXCLUDED: 84						
041700+	/endif			000000		1041700	
041800+				000000		1041800	
041900+				000000		1041900	
042000+	*****			000000		1042000	
042100+	* http_getauth(): Get HTTP Authentication Information			000000		1042100	
042200+	*			000000		1042200	
042300+	* Call this proc after you receive a HTTP_NDAUTH error			000000		1042300	
042400+	* to determine the authentication credentials that are required			000000		1042400	
042500+	*			000000		1042500	
042600+	* The following parms are returned to your program:			000000		1042600	
042700+	*			000000		1042700	
042800+	* peBasic = *ON if BASIC auth is allowed			000000		1042800	
042900+	* peDigest = *ON if MD5 DIGEST auth is allowed			000000		1042900	
043000+	* peRealm = Auth realm. Present this to the user to identify			000000		1043000	
043100+	* which password you're looking for. For example			000000		1043100	
043200+	* if peRealm is "secureserver.com" you might say			000000		1043200	
043300+	* "enter password for secureserver.com" to user.			000000		1043300	
043400+	* peNTLM = *ON if NTLM auth is allowed			000000		1043400	
043500+	*			000000		1043500	
043600+	* After getting the userid & password from the user (or database)			000000		1043600	
043700+	* you'll need to call http_setauth()			000000		1043700	
043800+	*			000000		1043800	
043900+	* Returns -1 upon error, or 0 if successful			000000		1043900	
044000+	*****			000000		1044000	
044100+D	http_getauth PR 10I 0			000000		1044100	
044200+D	peBasic 1N			000000		1044200	
044300+D	peDigest 1N			000000		1044300	
044400+D	peRealm 124A			000000		1044400	
044500+D	peNTLM 1N options(*nopass)	NTLM:ADD		000000		1044500	
044600+				000000		1044600	
044700+				000000		1044700	
044800+	*****			000000		1044800	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
044900+	* http_setauth(): Set HTTP Authentication Information			000000		1044900	
045000+	*			000000		1045000	
045100+	* peAuthType = Authentication Type (HTTP_AUTH_BASIC or			000000		1045100	
045200+	* HTTP_AUTH_MD5_DIGEST)			000000		1045200	
045300+	* peUsername = UserName to use			000000		1045300	
045400+	* pePasswd = Password to use			000000		1045400	
045500+	*			000000		1045500	
045600+	* Returns -1 upon error, or 0 if successful			000000		1045600	
045700+	*+*****			000000		1045700	
045800+	D http_setauth PR 10I 0			000000		1045800	
045900+	D peAuthType 1A const			000000		1045900	
046000+	D peUsername 80A const			000000		1046000	
046100+	D pePasswd 1024A const			000000		1046100	
046200+	*			000000		1046200	
046300+	*			000000		1046300	
046400+	*+*****			000000		1046400	
046500+	* http_setproxy(): Set HTTP Proxy Address			000000		1046500	
046600+	*			000000		1046600	
046700+	* peHost = Proxy host name			000000		1046700	
046800+	* psPort = Proxy port			000000		1046800	
046900+	*			000000		1046900	
047000+	* Returns -1 upon error, or 0 if successful			000000		1047000	
047100+	*+*****			000000		1047100	
047200+	D http_setproxy PR 10I 0			000000		1047200	
047300+	D peHost 256A const			000000		1047300	
047400+	D pePort 10I 0 const			000000		1047400	
047500+	*			000000		1047500	
047600+	*			000000		1047600	
047700+	*+*****			000000		1047700	
047800+	* http_proxy_setauth(): Set HTTP Proxy Authentication Information			000000		1047800	
047900+	*			000000		1047900	
048000+	* peAuthType = Authentication Type (HTTP_AUTH_NONE or			000000		1048000	
048100+	* HTTP_AUTH_BASIC)			000000		1048100	
048200+	* peUsername = UserName to use			000000		1048200	
048300+	* pePasswd = Password to use			000000		1048300	
048400+	*			000000		1048400	
048500+	* Returns -1 upon error, or 0 if successful			000000		1048500	
048600+	*+*****			000000		1048600	
048700+	D http_proxy_setauth...			000000		1048700	
048800+	D PR 10I 0			000000		1048800	
048900+	D peAuthType 1A const			000000		1048900	
049000+	D peUsername 80A const			000000		1049000	
049100+	D pePasswd 1024A const			000000		1049100	
049200+	*			000000		1049200	
049300+	*+*****			000000		1049300	
049400+	* http_proxy_getauth(): Get HTTP Proxy Authentication Information			000000		1049400	
049500+	*			000000		1049500	
049600+	* Call this proc after you receive a HTTP_PXNDAUTH error			000000		1049600	
049700+	* to determine the authentication credentials that are required			000000		1049700	
049800+	*			000000		1049800	
049900+	* The following parms are returned to your program:			000000		1049900	
050000+	*			000000		1050000	
050100+	* peBasic = *ON if BASIC auth is allowed			000000		1050100	
050200+	* peRealm = Auth realm. Present this to the user to identify			000000		1050200	
050300+	* which password you're looking for. For example			000000		1050300	
050400+	* if peRealm is "secureproxy.com" you might say			000000		1050400	

```
Line <----- Source Specifications -----><--- Comments ---> Do Page Change Src Seq
Number ...1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
050500+ * "enter password for secureproxy.com" to user. 000000 1050500
050600+ * 000000 1050600
050700+ * After getting the userid & password from the user (or database) 000000 1050700
050800+ * you'll need to call http_proxy_setauth() 000000 1050800
050900+ * 000000 1050900
051000+ * Returns -1 upon error, or 0 if successful 000000 1051000
051100+ * 000000 1051100
051200+D http_proxy_getauth... 000000 1051200
051300+D PR 10I 0 000000 1051300
051400+D peBasic 1N 000000 1051400
051500+D peRealm 124A 000000 1051500
051600+ 000000 1051600
051700+ 000000 1051700
051800+ * 000000 1051800
051900+ * http_xproc(): Register a procedure to be called back at 000000 1051900
052000+ * a given exit point 000000 1052000
052100+ * 000000 1052100
052200+ * peExitPoint = exit point. Should be one of the constants 000000 1052200
052300+ * HTTP_POINT_XXX defined in the HTTPAPI_H member 000000 1052300
052400+ * peProc = address of procedure to call for this 000000 1052400
052500+ * exit point. (pass *NULL to disable this point) 000000 1052500
052600+ * peUserData = Pointer to user data. This will be passed 000000 1052600
052700+ * to your call-back procedure. You can set it to 000000 1052700
052800+ * *NULL if you don't need/want it. 000000 1052800
052900+ * 000000 1052900
053000+ * Returns -1 upon error, or 0 if successful 000000 1053000
053100+ * 000000 1053100
053200+D http_xproc PR 10I 0 000000 1053200
053300+D peExitPoint 10I 0 value 000000 1053300
053400+D peProc * procptr value 000000 1053400
053500+D peUserData * value options(*nopass) 000000 1053500
053600+ 000000 1053600
053700+ 000000 1053700
053800+ * 000000 1053800
053900+ * http_redir_loc(): Retrieve location provided by a redirect 000000 1053900
054000+ * request. 000000 1054000
054100+ * 000000 1054100
054200+ * returns redirect location, or '' if no redirect was given 000000 1054200
054300+ * 000000 1054300
054400+D http_redir_loc PR 1024A varying 000000 1054400
054500+ 000000 1054500
054600+ * 000000 1054600
054700+ * http_url_encoder_new(): Create a URL encoder. 000000 1054700
054800+ * 000000 1054800
054900+ * returns an (opaque) pointer to the new encoder 000000 1054900
055000+ * or *NULL upon error. 000000 1055000
055100+ * 000000 1055100
055200+ * WARNING: To free the memory used by this routine, you MUST 000000 1055200
055300+ * call http_url_encoder_free() after the data is sent. 000000 1055300
055400+ * 000000 1055400
055500+D HTTP_URL_ENCODER... 000000 1055500
055600+D s * 000000 1055600
055700+D http_url_encoder_new... 000000 1055700
055800+D PR like(HTTP_URL_ENCODER) 000000 1055800
055900+ /if defined(WEBFORMS) 000000 1055900
      LINES EXCLUDED: 3
```

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
056300+	/endif			000000		1056300	
056400+				000000		1056400	
056500+				000000		1056500	
056600+	*****			000000		1056600	
056700+	* http_url_encoder_addvar(): Add a variable to what's stored			000000		1056700	
056800+	* a URL encoder.			000000		1056800	
056900+	*			000000		1056900	
057000+	* peEncoder = pointer to encoder created by the			000000		1057000	
057100+	* http_url_encoder_new() routine			000000		1057100	
057200+	* peVariable = variable name to add			000000		1057200	
057300+	* peData = pointer to data to store in variable			000000		1057300	
057400+	* peDataSize = size of data to store in variable			000000		1057400	
057500+	*			000000		1057500	
057600+	* Returns *ON if successful, *OFF otherwise.			000000		1057600	
057700+	*****			000000		1057700	
057800+	D http_url_encoder_addvar...			000000		1057800	
057900+	D PR 1N			000000		1057900	
058000+	D peEncoder like(HTTP_URL_ENCODER) value			000000		1058000	
058100+	D peVariable 50A varying value			000000		1058100	
058200+	D peData * value			000000		1058200	
058300+	D peDataSize 10I 0 value			000000		1058300	
058400+	/if defined(WEBFORMS)			000000		1058400	
	LINES EXCLUDED: 6						
059100+	/endif			000000		1059100	
059200+				000000		1059200	
059300+				000000		1059300	
059400+	*****			000000		1059400	
059500+	* http_url_encoder_getptr(): Get a pointer to the encoded			000000		1059500	
059600+	* data stored in a URL encoder			000000		1059600	
059700+	*			000000		1059700	
059800+	* peEncoder = (input) pointer to encoder			000000		1059800	
059900+	* peData = (output) pointer to encoded data			000000		1059900	
060000+	* peSize = (output) size of encoded data			000000		1060000	
060100+	*****			000000		1060100	
060200+	D http_url_encoder_getptr...			000000		1060200	
060300+	D PR			000000		1060300	
060400+	D peEncoder like(HTTP_URL_ENCODER) value			000000		1060400	
060500+	D peData *			000000		1060500	
060600+	D peSize 10I 0			000000		1060600	
060700+	/if defined(WEBFORMS)			000000		1060700	
	LINES EXCLUDED: 5						
061300+	/endif			000000		1061300	
061400+				000000		1061400	
061500+				000000		1061500	
061600+	*****			000000		1061600	
061700+	* http_url_encoder_getstr(): Get encoded data he encoded			000000		1061700	
061800+	* data stored in a URL encoder as a string			000000		1061800	
061900+	*			000000		1061900	
062000+	* peEncoder = (input) pointer to encoder			000000		1062000	
062100+	*			000000		1062100	
062200+	* NOTE: This routine is much slower than http_url_encoder_getptr()			000000		1062200	
062300+	* and is limited to a 32k return value. It's suitable for			000000		1062300	
062400+	* use with data that's added to a URL, such as when			000000		1062400	
062500+	* performing a GET request to a web server, but you should			000000		1062500	
062600+	* use http_url_encoder_getptr() for POST requests.			000000		1062600	
062700+	*****			000000		1062700	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	1...10	Num	Line	Date	Id	Number
062800+D	http_url_encoder_getstr...				000000		1062800
062900+D	PR 32767A varying				000000		1062900
063000+D	peEncoder like(HTTP_URL_ENCODER) value				000000		1063000
063100+	/if defined(WEBFORMS) LINES EXCLUDED: 4				000000		1063100
063600+	/endif				000000		1063600
063700+					000000		1063700
063800+					000000		1063800
063900+	*****				000000		1063900
064000+	* http_url_encoder_free(): free resources allocated by both				000000		1064000
064100+	* http_url_encoder_new() and http_url_encoder_addvar()				000000		1064100
064200+	*				000000		1064200
064300+	* peEncoder = pointer to encoder to free				000000		1064300
064400+	*				000000		1064400
064500+	* Returns *ON if successful, *OFF otherwise.				000000		1064500
064600+	*				000000		1064600
064700+	* WARNING: After calling this, do not use the encoder or				000000		1064700
064800+	* data returned by http_url_encoder_getptr() again.				000000		1064800
064900+	*****				000000		1064900
065000+D	http_url_encoder_free...				000000		1065000
065100+D	PR 1N				000000		1065100
065200+D	peEncoder like(HTTP_URL_ENCODER) value				000000		1065200
065300+	/if defined(WEBFORMS) LINES EXCLUDED: 3				000000		1065300
065700+	/endif				000000		1065700
065800+					000000		1065800
065900+	*****				000000		1065900
066000+	* http_url_encoder_addvar_s(): Simplified (but limited)				000000		1066000
066100+	* interface to http_url_encoder_addvar().				000000		1066100
066200+	*				000000		1066200
066300+	* peEncoder = (input) HTTP_url_encoder object				000000		1066300
066400+	* peVariable = (input) variable name to set				000000		1066400
066500+	* peValue = (input) value to set variable to				000000		1066500
066600+	*				000000		1066600
066700+	* Returns *ON if successful, *OFF otherwise				000000		1066700
066800+	*****				000000		1066800
066900+D	http_url_encoder_addvar_s...				000000		1066900
067000+D	PR 1N				000000		1067000
067100+D	peEncoder like(HTTP_URL_ENCODER) value				000000		1067100
067200+D	peVariable 50A varying value				000000		1067200
067300+D	peValue 256A varying value				000000		1067300
067400+	/if defined(WEBFORMS) LINES EXCLUDED: 5				000000		1067400
068000+	/endif				000000		1068000
068100+					000000		1068100
068200+					000000		1068200
068300+	*****				000000		1068300
068400+	* http_long_ParseURL(): Parse URL into it's component parts				000000		1068400
068500+	*				000000		1068500
068600+	* Breaks a uniform resource locator (URL) into it's component				000000		1068600
068700+	* pieces for use with the http: or https: protocols. (would also				000000		1068700
068800+	* work for FTP with minor tweaks)				000000		1068800
068900+	*				000000		1068900
069000+	* peURL = URL that needs to be parsed.				000000		1069000
069100+	* peService = service name from URL (i.e. http or https)				000000		1069100
069200+	* peUserName = user name given, or *blanks				000000		1069200



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number			Num	Line	Date	Id	Number
069300+	* pePassword = password given, or *blanks				000000		1069300
069400+	* peHost = hostname given in URL. (could be domain name or IP)				000000		1069400
069500+	* pePort = port number to connect to, if specified, otherwise 0.				000000		1069500
069600+	* pePath = remaining path/request for server.				000000		1069600
069700+	*				000000		1069700
069800+	* returns -1 upon failure, or 0 upon success				000000		1069800
069900+	*****				000000		1069900
070000+D	http_long_ParseURL...				000000		1070000
070100+D	PR 10I 0				000000		1070100
070200+D	peURL 32767A varying const options(*varsize)				000000		1070200
070300+D	peService 32A				000000		1070300
070400+D	peUserName 32A				000000		1070400
070500+D	pePassword 32A				000000		1070500
070600+D	peHost 256A				000000		1070600
070700+D	pePort 10I 0				000000		1070700
070800+D	pePath 32767A varying				000000		1070800
070900+	*				000000		1070900
071000+	*****				000000		1071000
071100+	* http_select_commdriver(): Select & initialize communications				000000		1071100
071200+	* driver.				000000		1071200
071300+	*				000000		1071300
071400+	* peCommType = (input) communications type (http/https)				000000		1071400
071500+	*				000000		1071500
071600+	* Returns pointer to comm driver, or *NULL upon failure				000000		1071600
071700+	*****				000000		1071700
071800+D	http_select_commdriver...				000000		1071800
071900+D	PR *				000000		1071900
072000+D	peCommType 32A const				000000		1072000
072100+	*				000000		1072100
072200+	*				000000		1072200
072300+	*****				000000		1072300
072400+	* http_url_post_raw2(): Post data to CGI script and get document				000000		1072400
072500+	*				000000		1072500
072600+	* peURL = url to post to (http://www.blah.com/cgi-bin/etc)				000000		1072600
072700+	* pePostFD = descriptor number to pass to pePostProc				000000		1072700
072800+	* pePostProc = procedure to call to get POST data.				000000		1072800
072900+	* peDataLen = total length of data that will be sent.				000000		1072900
073000+	* peSaveFD = FD to pass back to peSaveProc				000000		1073000
073100+	* peSaveProc = procedure to call each time data is received.				000000		1073100
073200+	* peTimeout = (optional) give up if no data is received for				000000		1073200
073300+	* this many seconds.				000000		1073300
073400+	* peUserAgent = (optional) User-Agent string passed to the				000000		1073400
073500+	* server. Pass the named constant HTTP_USERAGENT				000000		1073500
073600+	* if you want to get the default value.				000000		1073600
073700+	* peContentType = (optional) content type to supply (mainly				000000		1073700
073800+	* useful when talking to CGI scripts)				000000		1073800
073900+	* peSOAPAction = (optional) string used to specify the action				000000		1073900
074000+	* taken by some SOAP applications.				000000		1074000
074100+	* - pass *blanks to send an empty SoapAction.				000000		1074100
074200+	* - pass *omit (or don't pass the parm at all) if				000000		1074200
074300+	* you don't want a SoapAction header to be sent.				000000		1074300
074400+	*				000000		1074400
074500+	* Returns -1 upon failure, 0 upon timeout, or an HTTP response code				000000		1074500
074600+	*****				000000		1074600
074700+D	http_url_post_raw2...				000000		1074700
074800+D	PR 10I 0				000000		1074800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
074900+D	peURL	32767A	varying const options(*varsize)		000000	1074900	
075000+D	pePostFD	10I 0	value		000000	1075000	
075100+D	pePostProc	*	procptr value		000000	1075100	
075200+D	peDataLen	10I 0	value		000000	1075200	
075300+D	peSaveFD	10I 0	value		000000	1075300	
075400+D	peSaveProc	*	value procptr		000000	1075400	
075500+D	peTimeout	10I 0	value options(*nopass)		000000	1075500	
075600+	/if defined(HTTP_ORIG_SHORTFIELD)				000000	1075600	
	LINES EXCLUDED: 3						
076000+	/else				000000	1076000	
076100+D	peUserAgent	16384A	varying const		000000	1076100	
076200+D			options(*nopass:*omit)		000000	1076200	
076300+D	peContentType	16384A	varying const		000000	1076300	
076400+D			options(*nopass:*omit)		000000	1076400	
076500+D	peSOAPAction	16384A	varying const		000000	1076500	
076600+D			options(*nopass:*omit)		000000	1076600	
076700+	/endif				000000	1076700	
076800+					000000	1076800	
076900+					000000	1076900	
077000+	*****				000000	1077000	
077100+	* http_url_post_stmf(): Post data to CGI script from stream file				000000	1077100	
077200+	*				000000	1077200	
077300+	* peURL = url to post to (http://www.blah.com/cgi-bin/etc)				000000	1077300	
077400+	* pePostFile = Filename (in IFS) of file to send to http server				000000	1077400	
077500+	* peRecvFile = Filename (in IFS) of stream file containing reply				000000	1077500	
077600+	* peTimeout = (optional) give up if no data is received for				000000	1077600	
077700+	* this many seconds.				000000	1077700	
077800+	* peUserAgent = (optional) User-Agent string passed to the				000000	1077800	
077900+	* server. Pass the named constant HTTP_USERAGENT				000000	1077900	
078000+	* if you want to get the default value.				000000	1078000	
078100+	* peContentType = (optional) content type to supply (mainly				000000	1078100	
078200+	* useful when talking to CGI scripts)				000000	1078200	
078300+	* peSOAPAction = (optional) string used to specify the action				000000	1078300	
078400+	* taken by some SOAP applications.				000000	1078400	
078500+	* - pass *blanks to send an empty SoapAction.				000000	1078500	
078600+	* - pass *omit (or don't pass the parm at all) if				000000	1078600	
078700+	* you don't want a SoapAction header to be sent.				000000	1078700	
078800+	*				000000	1078800	
078900+	* Returns -1 upon failure, 0 upon timeout,				000000	1078900	
079000+	* 1 for success, or an HTTP response code				000000	1079000	
079100+	*****				000000	1079100	
079200+D	http_url_post_stmf...				000000	1079200	
079300+D	PR	10I 0			000000	1079300	
079400+D	peURL	32767A	varying const options(*varsize)		000000	1079400	
079500+D	pePostFile	32767A	varying const options(*varsize)		000000	1079500	
079600+D	peRecvFile	32767A	varying const options(*varsize)		000000	1079600	
079700+D	peTimeout	10I 0	value options(*nopass)		000000	1079700	
079800+	/if defined(HTTP_ORIG_SHORTFIELD)				000000	1079800	
	LINES EXCLUDED: 3						
080200+	/else				000000	1080200	
080300+D	peUserAgent	16384A	varying const		000000	1080300	
080400+D			options(*nopass:*omit)		000000	1080400	
080500+D	peContentType	16384A	varying const		000000	1080500	
080600+D			options(*nopass:*omit)		000000	1080600	
080700+D	peSOAPAction	16384A	varying const		000000	1080700	
080800+D			options(*nopass:*omit)		000000	1080800	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
080900+	/endif			000000		1080900	
081000+D	http_post_stmf PR 10I 0	extproc('HTTP_URL_POST_STMF')		000000		1081000	
081100+D	peURL 32767A	varying const options(*varsize)		000000		1081100	
081200+D	pePostFile 32767A	varying const options(*varsize)		000000		1081200	
081300+D	peRecvFile 32767A	varying const options(*varsize)		000000		1081300	
081400+D	peTimeout 10I 0	value options(*nopass)		000000		1081400	
081500+	/if defined(HTTP_ORIG_SHORTFIELD)			000000		1081500	
	LINES EXCLUDED: 3						
081900+	/else			000000		1081900	
082000+D	peUserAgent 16384A	varying const		000000		1082000	
082100+D		options(*nopass:*omit)		000000		1082100	
082200+D	peContentType 16384A	varying const		000000		1082200	
082300+D		options(*nopass:*omit)		000000		1082300	
082400+D	peSOAPAction 16384A	varying const		000000		1082400	
082500+D		options(*nopass:*omit)		000000		1082500	
082600+	/endif			000000		1082600	
082700+				000000		1082700	
082800+				000000		1082800	
082900+	*+++++			000000		1082900	
083000+	* http_get_xml();			000000		1083000	
083100+	* http_url_get_xml(): Send a GET request to an HTTP server and			000000		1083100	
083200+	* receive/parse an XML response.			000000		1083200	
083300+	*			000000		1083300	
083400+	* peURL = (input) URL to perform GET request to			000000		1083400	
083500+	* peStartProc = (input) call-back procedure to call at the start			000000		1083500	
083600+	* of each XML element received.			000000		1083600	
083700+	* peEndProc = (input) call-back procedure to call at the end			000000		1083700	
083800+	* of each XML element received.			000000		1083800	
083900+	* peUsrDta = (input) user-defined data that will be passed to the			000000		1083900	
084000+	* call-back routine			000000		1084000	
084100+	*			000000		1084100	
084200+	* (other parms are identical to those in HTTP_url_get())			000000		1084200	
084300+	*			000000		1084300	
084400+	* peStartProc should point to a procedure with a procedure			000000		1084400	
084500+	* interface that's compatable with the following:			000000		1084500	
084600+	*			000000		1084600	
084700+	* D StartProc PR			000000		1084700	
084800+	* D userdata *		value	000000		1084800	
084900+	* D depth 10I 0		value	000000		1084900	
085000+	* D name 1024A		varying const	000000		1085000	
085100+	* D path 24576A		varying const	000000		1085100	
085200+	* D attrs *		dim(32767)	000000		1085200	
085300+	* D		const options(*varsize)	000000		1085300	
085400+	*			000000		1085400	
085500+	* peEndProc should point to a procedure with a procedure			000000		1085500	
085600+	* interface that's compatable with the following:			000000		1085600	
085700+	*			000000		1085700	
085800+	* D EndProc PR			000000		1085800	
085900+	* D userdata *		value	000000		1085900	
086000+	* D depth 10I 0		value	000000		1086000	
086100+	* D name 1024A		varying const	000000		1086100	
086200+	* D path 24576A		varying const	000000		1086200	
086300+	* D value 32767A		varying const	000000		1086300	
086400+	* D attrs *		dim(32767)	000000		1086400	
086500+	* D		const options(*varsize)	000000		1086500	
086600+	*			000000		1086600	

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Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
086700+ * Returns 1 if successful, -1 upon error, 0 if timeout 000000 1086700
086800+ *+++++ 000000 1086800
086900+D http_get_xml... 000000 1086900
087000+D PR 10I 0 EXTPROC('HTTP_URL_GET_XML') 000000 1087000
087100+D peURL 32767A varying const options(*varsize) 000000 1087100
087200+D peStartProc * value procptr 000000 1087200
087300+D peEndProc * value procptr 000000 1087300
087400+D peUsrDta * value 000000 1087400
087500+D peTimeout 10I 0 value options(*nopass) 000000 1087500
087600+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1087600
      LINES EXCLUDED: 4
088100+ /else 000000 1088100
088200+D peUserAgent 16384A varying const 000000 1088200
088300+D options(*nopass:*omit) 000000 1088300
088400+D peModTime Z const options(*nopass:*omit) 000000 1088400
088500+D peContentType 16384A varying const 000000 1088500
088600+D options(*nopass:*omit) 000000 1088600
088700+D peSOAPAction 16384A varying const 000000 1088700
088800+D options(*nopass:*omit) 000000 1088800
088900+ /endif 000000 1088900
089000+D http_url_get_xml... 000000 1089000
089100+D PR 10I 0 000000 1089100
089200+D peURL 32767A varying const options(*varsize) 000000 1089200
089300+D peStartProc * value procptr 000000 1089300
089400+D peEndProc * value procptr 000000 1089400
089500+D peUsrDta * value 000000 1089500
089600+D peTimeout 10I 0 value options(*nopass) 000000 1089600
089700+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1089700
      LINES EXCLUDED: 4
090200+ /else 000000 1090200
090300+D peUserAgent 16384A varying const 000000 1090300
090400+D options(*nopass:*omit) 000000 1090400
090500+D peModTime Z const options(*nopass:*omit) 000000 1090500
090600+D peContentType 16384A varying const 000000 1090600
090700+D options(*nopass:*omit) 000000 1090700
090800+D peSOAPAction 16384A varying const 000000 1090800
090900+D options(*nopass:*omit) 000000 1090900
091000+ /endif 000000 1091000
091100+ 000000 1091100
091200+ *+++++ 000000 1091200
091300+ * http_get_xmltf(): Request URL from server. Receive response 000000 1091300
091400+ * to temporary file, then parse it. 000000 1091400
091500+ * 000000 1091500
091600+ * peURL = (input) URL to perform GET request to 000000 1091600
091700+ * peStartProc = (input) call-back procedure to call at the start 000000 1091700
091800+ * of each XML element received. 000000 1091800
091900+ * peEndProc = (input) call-back procedure to call at the end 000000 1091900
092000+ * of each XML element received. 000000 1092000
092100+ * peUsrDta = (input) user-defined data that will be passed to the 000000 1092100
092200+ * call-back routine 000000 1092200
092300+ * 000000 1092300
092400+ * (other parms are identical to those in HTTP_url_get()) 000000 1092400
092500+ * 000000 1092500
092600+ * Returns 1 if successful, -1 upon error, 0 if timeout 000000 1092600
092700+ *+++++ 000000 1092700
092800+D http_get_xmltf... 000000 1092800
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Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
092900+D	PR 10I 0				000000		1092900
093000+D	peURL 32767A	varying const options(*varsize)			000000		1093000
093100+D	peStartProc *	value procptr			000000		1093100
093200+D	peEndProc *	value procptr			000000		1093200
093300+D	peUsrDta *	value			000000		1093300
093400+D	peTimeout 10I 0	value options(*nopass)			000000		1093400
093500+	/if defined(HTTP_ORIG_SHORTFIELD)				000000		1093500
	LINES EXCLUDED: 4						
094000+	/else				000000		1094000
094100+D	peUserAgent 16384A	varying const			000000		1094100
094200+D		options(*nopass:*omit)			000000		1094200
094300+D	peModTime Z	const options(*nopass:*omit)			000000		1094300
094400+D	peContentType 16384A	varying const			000000		1094400
094500+D		options(*nopass:*omit)			000000		1094500
094600+D	peSOAPAction 16384A	varying const			000000		1094600
094700+D		options(*nopass:*omit)			000000		1094700
094800+	/endif				000000		1094800
094900+					000000		1094900
095000+					000000		1095000
095100+	*****				000000		1095100
095200+	* http_post_xml();				000000		1095200
095300+	* http_url_post_xml(): Send a POST request to an HTTP server and				000000		1095300
095400+	* receive/parse an XML response.				000000		1095400
095500+	*				000000		1095500
095600+	* peURL = (input) URL to perform GET request to				000000		1095600
095700+	* pePostData = (input) data to POST to the web server				000000		1095700
095800+	* pePostDataLen = (input) length of pePostData				000000		1095800
095900+	* peStartProc = (input) call-back procedure to call at the start				000000		1095900
096000+	* of each XML element received.				000000		1096000
096100+	* peEndProc = (input) call-back procedure to call at the end				000000		1096100
096200+	* of each XML element received.				000000		1096200
096300+	* peUsrDta = (input) user-defined data that will be passed				000000		1096300
096400+	* to the call-back routine				000000		1096400
096500+	*				000000		1096500
096600+	* (other parms are identical to those in HTTP_url_post())				000000		1096600
096700+	*				000000		1096700
096800+	* peStartProc should point to a procedure with a procedure				000000		1096800
096900+	* interface that's compatable with the following:				000000		1096900
097000+	*				000000		1097000
097100+	* D StartProc PR				000000		1097100
097200+	* D userdata *	value			000000		1097200
097300+	* D depth 10I 0	value			000000		1097300
097400+	* D name 1024A	varying const			000000		1097400
097500+	* D path 24576A	varying const			000000		1097500
097600+	* D attrs *	dim(32767)			000000		1097600
097700+	* D	const options(*varsize)			000000		1097700
097800+	*				000000		1097800
097900+	* peEndProc should point to a procedure with a procedure				000000		1097900
098000+	* interface that's compatable with the following:				000000		1098000
098100+	*				000000		1098100
098200+	* D EndProc PR				000000		1098200
098300+	* D userdata *	value			000000		1098300
098400+	* D depth 10I 0	value			000000		1098400
098500+	* D name 1024A	varying const			000000		1098500
098600+	* D path 24576A	varying const			000000		1098600
098700+	* D value 32767A	varying const			000000		1098700

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
098800+	* D attrs	* dim(32767)			000000		1098800
098900+	* D	const options(*varsize)			000000		1098900
099000+					000000		1099000
099100+	* Returns 1 if successful, -1 upon error, 0 if timeout				000000		1099100
099200+	*****						1099200
099300+	D http_post_xml...				000000		1099300
099400+	D PR	10I 0 EXTPROC('HTTP_URL_POST_XML')			000000		1099400
099500+	D peURL	32767A varying const options(*varsize)	1		000000		1099500
099600+	D pePostData	* value	2		000000		1099600
099700+	D pePostDataLen	10I 0 value	3		000000		1099700
099800+	D peStartProc	* value procptr	4		000000		1099800
099900+	D peEndProc	* value procptr	5		000000		1099900
100000+	D peUsrDta	* value	6		000000		1100000
100100+	D peTimeout	10I 0 value options(*nopass)	7		000000		1100100
100200+	/if defined(HTTP_ORIG_SHORTFIELD)				000000		1100200
	LINES EXCLUDED: 3						
100600+	/else				000000		1100600
100700+	D peUserAgent	16384A varying const	8		000000		1100700
100800+		options(*nopass:*omit)			000000		1100800
100900+	D peContentType	16384A varying const	9		000000		1100900
101000+		options(*nopass:*omit)			000000		1101000
101100+	D peSOAPAction	16384A varying const			000000		1101100
101200+		options(*nopass:*omit)			000000		1101200
101300+	/endif				000000		1101300
101400+	D http_url_post_xml...				000000		1101400
101500+	D PR	10I 0			000000		1101500
101600+	D peURL	32767A varying const options(*varsize)			000000		1101600
101700+	D pePostData	* value			000000		1101700
101800+	D pePostDataLen	10I 0 value			000000		1101800
101900+	D peStartProc	* value procptr			000000		1101900
102000+	D peEndProc	* value procptr			000000		1102000
102100+	D peUsrDta	* value			000000		1102100
102200+	D peTimeout	10I 0 value options(*nopass)			000000		1102200
102300+	/if defined(HTTP_ORIG_SHORTFIELD)				000000		1102300
	LINES EXCLUDED: 3						
102700+	/else				000000		1102700
102800+	D peUserAgent	16384A varying const			000000		1102800
102900+		options(*nopass:*omit)			000000		1102900
103000+	D peContentType	16384A varying const			000000		1103000
103100+		options(*nopass:*omit)			000000		1103100
103200+	D peSOAPAction	16384A varying const			000000		1103200
103300+		options(*nopass:*omit)			000000		1103300
103400+	/endif				000000		1103400
103500+					000000		1103500
103600+					000000		1103600
103700+	*****						1103700
103800+	* http_post_xmltf(): Post data from memory. Receive				000000		1103800
103900+	* response to temporary file, then parse it.				000000		1103900
104000+					000000		1104000
104100+	* peURL = (input) URL to perform GET request to				000000		1104100
104200+	* pePostData = (input) data to POST to the web server				000000		1104200
104300+	* pePostDataLen = (input) length of pePostData				000000		1104300
104400+	* peStartProc = (input) call-back procedure to call at the start				000000		1104400
104500+	* of each XML element received.				000000		1104500
104600+	* peEndProc = (input) call-back procedure to call at the end				000000		1104600
104700+	* of each XML element received.				000000		1104700

```
Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
104800+ * peUshrDta = (input) user-defined data that will be passed 000000 1104800
104900+ * to the call-back routine 000000 1104900
105000+ * 000000 1105000
105100+ * (other parms are identical to those in HTTP_url_post()) 000000 1105100
105200+ * 000000 1105200
105300+ * Returns 1 if successful, -1 upon error, 0 if timeout 000000 1105300
105400+ *+++++ 000000 1105400
105500+D http_post_xmltf... 000000 1105500
105600+D PR 10I 0 000000 1105600
105700+D peURL 32767A varying const options(*varsize) 000000 1105700
105800+D pePostData * value 000000 1105800
105900+D pePostDataLen 10I 0 value 000000 1105900
106000+D peStartProc * value procptr 000000 1106000
106100+D peEndProc * value procptr 000000 1106100
106200+D peUshrDta * value 000000 1106200
106300+D peTimeout 10I 0 value options(*nopass) 000000 1106300
106400+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1106400
      LINES EXCLUDED: 3
106800+ /else 000000 1106800
106900+D peUserAgent 16384A varying const 000000 1106900
107000+D options(*nopass:*omit) 000000 1107000
107100+D peContentType 16384A varying const 000000 1107100
107200+D options(*nopass:*omit) 000000 1107200
107300+D peSOAPAction 16384A varying const 000000 1107300
107400+D options(*nopass:*omit) 000000 1107400
107500+ /endif 000000 1107500
107600+ 000000 1107600
107700+ 000000 1107700
107800+ *+++++ 000000 1107800
107900+ * http_post_stmf_xml(); 000000 1107900
108000+ * http_url_post_stmf_xml(): Post data to CGI script from stream file 000000 1108000
108100+ * and receive/parse an XML response 000000 1108100
108200+ * 000000 1108200
108300+ * peURL = (input) URL to post to 000000 1108300
108400+ * pePostFile = (input) File of stream file (in IFS) to post 000000 1108400
108500+ * peStartProc = (input) call-back procedure to call at the start 000000 1108500
108600+ * of each XML element received. 000000 1108600
108700+ * peEndProc = (input) call-back procedure to call at the end 000000 1108700
108800+ * of each XML element received. 000000 1108800
108900+ * peUshrDta = (input) user-defined data that will be passed 000000 1108900
109000+ * to the call-back routine 000000 1109000
109100+ * peTimeout = (optional) give up if no data is received for 000000 1109100
109200+ * this many seconds. 000000 1109200
109300+ * peUserAgent = (optional) User-Agent string passed to the 000000 1109300
109400+ * server. Pass the named constant HTTP_USERAGENT 000000 1109400
109500+ * if you want to get the default value. 000000 1109500
109600+ * peContentType = (optional) content type to supply (mainly 000000 1109600
109700+ * useful when talking to CGI scripts) 000000 1109700
109800+ * peSOAPAction = (optional) string used to specify the action 000000 1109800
109900+ * taken by some SOAP applications. 000000 1109900
110000+ * - pass *blanks to send an empty SoapAction. 000000 1110000
110100+ * - pass *omit (or don't pass the parm at all) if 000000 1110100
110200+ * you don't want a SoapAction header to be sent. 000000 1110200
110300+ * 000000 1110300
110400+ * Returns -1 upon failure, 0 upon timeout, 000000 1110400
110500+ * 1 for success, or an HTTP response code 000000 1110500
```

```
Line <----- Source Specifications ----->----- Comments -----> Do Page Change Src Seq
Number ...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10 Num Line Date Id Number
110600+ *+++++
110700+D http_post_stmf_xml... 000000 1110600
110800+D PR 10I 0 extproc('HTTP_URL_POST_STMF_XML') 000000 1110800
110900+D peURL 32767A varying const options(*varsize) 000000 1110900
111000+D pePostFile 32767A varying const options(*varsize) 000000 1111000
111100+D peStartProc * value procptr 000000 1111100
111200+D peEndProc * value procptr 000000 1111200
111300+D peUsrDta * value 000000 1111300
111400+D peTimeout 10I 0 value options(*nopass) 000000 1111400
111500+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1111500
      LINES EXCLUDED: 3
111900+ /else 000000 1111900
112000+D peUserAgent 16384A varying const 000000 1112000
112100+D options(*nopass:*omit) 000000 1112100
112200+D peContentType 16384A varying const 000000 1112200
112300+D options(*nopass:*omit) 000000 1112300
112400+D peSOAPAction 16384A varying const 000000 1112400
112500+D options(*nopass:*omit) 000000 1112500
112600+ /endif 000000 1112600
112700+D http_url_post_stmf_xml... 000000 1112700
112800+D PR 10I 0 000000 1112800
112900+D peURL 32767A varying const options(*varsize) 000000 1112900
113000+D pePostFile 32767A varying const options(*varsize) 000000 1113000
113100+D peStartProc * value procptr 000000 1113100
113200+D peEndProc * value procptr 000000 1113200
113300+D peUsrDta * value 000000 1113300
113400+D peTimeout 10I 0 value options(*nopass) 000000 1113400
113500+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1113500
      LINES EXCLUDED: 3
113900+ /else 000000 1113900
114000+D peUserAgent 16384A varying const 000000 1114000
114100+D options(*nopass:*omit) 000000 1114100
114200+D peContentType 16384A varying const 000000 1114200
114300+D options(*nopass:*omit) 000000 1114300
114400+D peSOAPAction 16384A varying const 000000 1114400
114500+D options(*nopass:*omit) 000000 1114500
114600+ /endif 000000 1114600
114700+ 000000 1114700
114800+ 000000 1114800
114900+ *+++++ 000000 1114900
115000+ * http_post_stmf_xmltf(): Post data from stream file. Receive 000000 1115000
115100+ * response to temporary file, then parse it. 000000 1115100
115200+ * 000000 1115200
115300+ * peURL = (input) URL to post to 000000 1115300
115400+ * pePostFile = (input) File of stream file (in IFS) to post 000000 1115400
115500+ * peStartProc = (input) call-back procedure to call at the start 000000 1115500
115600+ * of each XML element received. 000000 1115600
115700+ * peEndProc = (input) call-back procedure to call at the end 000000 1115700
115800+ * of each XML element received. 000000 1115800
115900+ * peUsrDta = (input) user-defined data that will be passed 000000 1115900
116000+ * to the call-back routine 000000 1116000
116100+ * peTimeout = (optional) give up if no data is received for 000000 1116100
116200+ * this many seconds. 000000 1116200
116300+ * peContentType = (optional) content type to supply (mainly 000000 1116300
116400+ * useful when talking to CGI scripts) 000000 1116400
116500+ * peSOAPAction = (optional) string used to specify the action 000000 1116500
```



```
Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ...1....2....3....4....5....6....7....8....9....10 Num Line Date Id Number
116600+ * taken by some SOAP applications. 000000 1116600
116700+ * - pass *blanks to send an empty SoapAction. 000000 1116700
116800+ * - pass *omit (or don't pass the parm at all) if 000000 1116800
116900+ * you don't want a SoapAction header to be sent. 000000 1116900
117000+ * 000000 1117000
117100+ * Returns -1 upon failure, 0 upon timeout, 000000 1117100
117200+ * 1 for success, or an HTTP response code 000000 1117200
117300+ *+++++ 000000 1117300
117400+D http_post_stmf_xmltf... 000000 1117400
117500+D PR 10I 0 000000 1117500
117600+D peURL 32767A varying const options(*varsize) 000000 1117600
117700+D pePostFile 32767A varying const options(*varsize) 000000 1117700
117800+D peStartProc * value procptr 000000 1117800
117900+D peEndProc * value procptr 000000 1117900
118000+D peUsrDta * value 000000 1118000
118100+D peTimeout 10I 0 value options(*nopass) 000000 1118100
118200+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1118200
        LINES EXCLUDED: 3
118600+ /else 000000 1118600
118700+D peUserAgent 16384A varying const 000000 1118700
118800+D options(*nopass:*omit) 000000 1118800
118900+D peContentType 16384A varying const 000000 1118900
119000+D options(*nopass:*omit) 000000 1119000
119100+D peSOAPAction 16384A varying const 000000 1119100
119200+D options(*nopass:*omit) 000000 1119200
119300+ /endif 000000 1119300
119400+ 000000 1119400
119500+ 000000 1119500
119600+ *+++++ 000000 1119600
119700+ * http_persist_open(): Open a persistent HTTP session 000000 1119700
119800+ * 000000 1119800
119900+ * peURL = url to connect to 000000 1119900
120000+ * peTimeout = (optional) give up if no data is received for 000000 1120000
120100+ * this many seconds. 000000 1120100
120200+ * 000000 1120200
120300+ * Returns *NULL upon failure, or 000000 1120300
120400+ * pointer to HTTP communication session 000000 1120400
120500+ *+++++ 000000 1120500
120600+D http_persist_open... 000000 1120600
120700+D PR * 000000 1120700
120800+D peURL 32767A varying const options(*varsize) 000000 1120800
120900+D peTimeout 10I 0 value options(*nopass) 000000 1120900
121000+ 000000 1121000
121100+ 000000 1121100
121200+ *+++++ 000000 1121200
121300+ * http_persist_get(): Get a file using a persistent HTTP session 000000 1121300
121400+ * 000000 1121400
121500+ * peComm = (input) pointer to persistent HTTP comm session 000000 1121500
121600+ * peURL = (input) URL to get from persistent HTTP 000000 1121600
121700+ * peFD = (input) FD to pass back to peProc 000000 1121700
121800+ * peProc = (input) procedure to call each time data is 000000 1121800
121900+ * received. 000000 1121900
122000+ * peTimeout = (input/optional) time-out when no data is received 000000 1122000
122100+ * for this many seconds. 000000 1122100
122200+ * peUserAgent = (optional) User-Agent string passed to the 000000 1122200
122300+ * server. Pass the named constant called 000000 1122300
```

```
Line <----- Source Specifications -----><--- Comments ---> Do Page Change Src Seq
Number ...1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
122400+ * HTTP_USERAGENT if you want to get the 000000 1122400
122500+ * default value. 000000 1122500
122600+ * peModTime = (input/optional) only get file if it was changed 000000 1122600
122700+ * since this timestamp. 000000 1122700
122800+ * peContentType = (input/optional) content type to supply (mainly 000000 1122800
122900+ * useful when talking to CGI scripts) 000000 1122900
123000+ * peSOAPAction = (optional) string used to specify the action 000000 1123000
123100+ * taken by some SOAP applications. 000000 1123100
123200+ * - pass *blanks to send an empty SoapAction. 000000 1123200
123300+ * - pass *omit (or don't pass the parm at all) if 000000 1123300
123400+ * you don't want a SoapAction header to be sent. 000000 1123400
123500+ * 000000 1123500
123600+ * Returns 1 if successful, 000000 1123600
123700+ * 0 if timed out 000000 1123700
123800+ * -1 if an internal error occurs 000000 1123800
123900+ * or an HTTP response code if an error comes from the server 000000 1123900
124000+ *+++++ 000000 1124000
124100+D http_persist_get... 000000 1124100
124200+D PR 10I 0 000000 1124200
124300+D peComm * value 000000 1124300
124400+D peURL 32767A varying const options(*varsize) 000000 1124400
124500+D peFD 10I 0 value 000000 1124500
124600+D peProc * value procptr 000000 1124600
124700+D peTimeout 10I 0 value options(*nopass) 000000 1124700
124800+ /if defined(HTTP_ORIG_SHORTFIELD) 000000 1124800
      LINES EXCLUDED: 4
125300+ /else 000000 1125300
125400+D peUserAgent 16384A varying const 000000 1125400
125500+D options(*nopass:*omit) 000000 1125500
125600+D peModTime Z const options(*nopass:*omit) 000000 1125600
125700+D peContentType 16384A varying const 000000 1125700
125800+D options(*nopass:*omit) 000000 1125800
125900+D peSOAPAction 16384A varying const 000000 1125900
126000+D options(*nopass:*omit) 000000 1126000
126100+ /endif 000000 1126100
126200+ 000000 1126200
126300+ 000000 1126300
126400+ *+++++ 000000 1126400
126500+ * http_persist_post(): Post data to CGI script and get document 000000 1126500
126600+ * using a persistent connection 000000 1126600
126700+ * 000000 1126700
126800+ * peComm = (input) pointer to persistent HTTP comm session 000000 1126800
126900+ * peURL = (input) URL to post to with persistent HTTP 000000 1126900
127000+ * ----- 000000 1127000
127100+ * pePostFD = (input) Opaque integer to pass to pePostProc 000000 1127100
127200+ * pePostProc = (input) Pointer to call-back procedure for 000000 1127200
127300+ * posting data to server. If you pass 000000 1127300
127400+ * *NULL for this, you should use pePostData 000000 1127400
127500+ * instead. 000000 1127500
127600+ * -- or -- 000000 1127600
127700+ * pePostData = (input) Pointer to data to post. If you pass 000000 1127700
127800+ * *NULL for this, you should use pePostProc 000000 1127800
127900+ * instead. 000000 1127900
128000+ * ----- 000000 1128000
128100+ * pePostDataLen = (input) Total length, in bytes, of post data. 000000 1128100
128200+ * peSaveFD = (input) Opaque integer passed to peSaveProc 000000 1128200
```

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	Num	Line	Date	Id	Number	
128300+ *	peSaveProc = (input)	Pointer to call-back procedure that is			000000		1128300
128400+ *		called when data is received from HTTP			000000		1128400
128500+ *		server.			000000		1128500
128600+ *	peTimeout = (input/optional)	time-out when no data is received			000000		1128600
128700+ *		for this many seconds.			000000		1128700
128800+ *	peUserAgent = (optional)	User-Agent string passed to the			000000		1128800
128900+ *		server. Pass the named constant called			000000		1128900
129000+ *		HTTP_USERAGENT if you want to get the			000000		1129000
129100+ *		default value.			000000		1129100
129200+ *	peContentType = (input/optional)	content type to supply (mainly			000000		1129200
129300+ *		useful when talking to CGI scripts)			000000		1129300
129400+ *	peSOAPAction = (optional)	string used to specify the action			000000		1129400
129500+ *		taken by some SOAP applications.			000000		1129500
129600+ *		- pass *blanks to send an empty SoapAction.			000000		1129600
129700+ *		- pass *omit (or don't pass the parm at all) if			000000		1129700
129800+ *		you don't want a SoapAction header to be sent.			000000		1129800
129900+ *					000000		1129900
130000+ *	Returns	1 if successful,			000000		1130000
130100+ *		0 if timed out			000000		1130100
130200+ *		-1 if an internal error occurs			000000		1130200
130300+ *		or an HTTP response code if an error comes from the server			000000		1130300
130400+ *	*****	*****			000000		1130400
130500+D	http_persist_post...				000000		1130500
130600+D	PR	10I 0			000000		1130600
130700+D	peComm	* value			000000		1130700
130800+D	peURL	32767A varying const options(*varsize)			000000		1130800
130900+D	pePostFD	10I 0 value			000000		1130900
131000+D	pePostProc	* value procptr			000000		1131000
131100+D	pePostData	* value			000000		1131100
131200+D	pePostDataLen	10I 0 value			000000		1131200
131300+D	peSaveFD	10I 0 value			000000		1131300
131400+D	peSaveProc	* value procptr			000000		1131400
131500+D	peTimeout	10I 0 value options(*nopass)			000000		1131500
131600+ /if	defined(HTTP_ORIG_SHORTFIELD)				000000		1131600
	LINES EXCLUDED: 3						
132000+ /else					000000		1132000
132100+D	peUserAgent	16384A varying const			000000		1132100
132200+D		options(*nopass:*omit)			000000		1132200
132300+D	peContentType	16384A varying const			000000		1132300
132400+D		options(*nopass:*omit)			000000		1132400
132500+D	peSOAPAction	16384A varying const			000000		1132500
132600+D		options(*nopass:*omit)			000000		1132600
132700+ /endif					000000		1132700
132800+ *					000000		1132800
132900+ *					000000		1132900
133000+ *	*****	*****			000000		1133000
133100+ *	http_persist_req():	Perform (any) Persistent HTTP Request			000000		1133100
133200+ *					000000		1133200
133300+ *	peMethod = (input)	Operation to perform. Should be one of:			000000		1133300
133400+ *		'GET', 'DELETE', 'PUT', 'POST', 'HEAD'			000000		1133400
133500+ *	peComm = (input)	pointer to persistent HTTP comm session			000000		1133500
133600+ *	peURL = (input)	URL of resource to perform operation on			000000		1133600
133700+ *	-----				000000		1133700
133800+ *	peUplFd = (input)	Opaque integer to pass to peUplProc			000000		1133800
133900+ *	peUplProc = (input)	Pointer to call-back procedure for			000000		1133900
134000+ *		sending upload data to server during			000000		1134000

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	11...20	21...30	31...40	Date	Id	Number
134100+	*	PUT or POST requests. If this is null,			000000		1134100
134200+	*	peUplData will be used, instead.			000000		1134200
134300+	* -- or --				000000		1134300
134400+	*	peUplData = (input) Pointer to data to upload in a PUT/POST			000000		1134400
134500+	*	request. If this is null, peUplProc will			000000		1134500
134600+	*	be used, instead.			000000		1134600
134700+	*	peUplDataLen = (input) Total length, in bytes, of peUplData			000000		1134700
134800+	* -----				000000		1134800
134900+	*	peSaveFD = (input) Opaque integer passed to peSaveProc			000000		1134900
135000+	*	peSaveProc = (input) Pointer to call-back procedure that is			000000		1135000
135100+	*	called when data is received from HTTP			000000		1135100
135200+	*	server.			000000		1135200
135300+	*	peTimeout = (input/optional) time-out when no data is received			000000		1135300
135400+	*	for this many seconds.			000000		1135400
135500+	*	peContentType = (input/optional) content type to supply (mainly			000000		1135500
135600+	*	useful when talking to CGI scripts)			000000		1135600
135700+	*	peSOAPAction = (input/optional) string to send in the SOAPAction:			000000		1135700
135800+	*	HTTP header when making a SOAP request.			000000		1135800
135900+	*	peModTime = (input/optional) only download file if it has			000000		1135900
136000+	*	changed since (this timestamp).			000000		1136000
136100+	*				000000		1136100
136200+	*	Returns 1 if successful,			000000		1136200
136300+	*	0 if timed out			000000		1136300
136400+	*	-1 if an internal error occurs			000000		1136400
136500+	*	or an HTTP response code if an error comes from the server			000000		1136500
136600+	*+++++				000000		1136600
136700+	D	http_persist_req...			000000		1136700
136800+	D	PR	10I 0		000000		1136800
136900+	D	peMethod	10a	varying const	000000		1136900
137000+	D	peComm	*	value	000000		1137000
137100+	D	peURL	32767A	varying const options(*varsize)	000000		1137100
137200+	D	peUplFD	10I 0	value	000000		1137200
137300+	D	peUplProc	*	value procptr	000000		1137300
137400+	D	peUplData	*	value	000000		1137400
137500+	D	peUplDataLen	10I 0	value	000000		1137500
137600+	D	peSaveFD	10I 0	value	000000		1137600
137700+	D	peSaveProc	*	value procptr	000000		1137700
137800+	D	peTimeout	10I 0	value options(*nopass)	000000		1137800
137900+	D	peUserAgent	16384A	varying const	000000		1137900
138000+	D			options(*nopass:*omit)	000000		1138000
138100+	D	peContentType	16384A	varying const	000000		1138100
138200+	D			options(*nopass:*omit)	000000		1138200
138300+	D	peSoapAction	32767A	varying const	000000		1138300
138400+	D			options(*nopass:*omit)	000000		1138400
138500+	D	peModTime	Z	const options(*nopass:*omit)	000000		1138500
138600+					000000		1138600
138700+					000000		1138700
138800+	*+++++				000000		1138800
138900+	*	http_persist_close(): End a persistent HTTP session			000000		1138900
139000+	*				000000		1139000
139100+	*	peComm = (input) pointer to persistent HTTP comm session			000000		1139100
139200+	*				000000		1139200
139300+	*	returns 0 if successful, -1 otherwise			000000		1139300
139400+	*+++++				000000		1139400
139500+	D	http_persist_close...			000000		1139500
139600+	D	PR	10I 0		000000		1139600

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Number	1...10	11...20	21...30	31...40	Date	Id	Number
139700+D	peComm	* value			000000		1139700
139800+					000000		1139800
139900+					000000		1139900
140000+	*****				000000		1140000
140100+	* http_mfd_encoder_open(): Create a multipart/form-data encoder				000000		1140100
140200+	*				000000		1140200
140300+	* A multipart/form-data encoder will encode the variables				000000		1140300
140400+	* and or stream files that you pass to it and store the results				000000		1140400
140500+	* in a stream file. You can later POST those results with the				000000		1140500
140600+	* http_url_post_stmf() API.				000000		1140600
140700+	*				000000		1140700
140800+	* peStmFile = (input) pathname to stream file to store				000000		1140800
140900+	* encoded results.				000000		1140900
141000+	*				000000		1141000
141100+	* returns an (opaque) pointer to the new encoder				000000		1141100
141200+	* or *NULL upon error.				000000		1141200
141300+	*				000000		1141300
141400+	* WARNING: To free the memory used by this routine and close				000000		1141400
141500+	* the stream file, you MUST call http_mfd_encoder_close()				000000		1141500
141600+	* after the data is sent.				000000		1141600
141700+	*****				000000		1141700
141800+D	http_mfd_encoder_open...				000000		1141800
141900+D	PR	*			000000		1141900
142000+D	peStmFile	* value options(*string)			000000		1142000
142100+D	peContType	64A			000000		1142100
142200+					000000		1142200
142300+					000000		1142300
142400+	*****				000000		1142400
142500+	* http_mfd_encoder_addvar(): Add a variable to what's stored				000000		1142500
142600+	* a multipart/form-data encoder.				000000		1142600
142700+	*				000000		1142700
142800+	* peEncoder = pointer to encoder created by the				000000		1142800
142900+	* http_mfd_encoder_open() routine				000000		1142900
143000+	* peVariable = variable name to add				000000		1143000
143100+	* peData = pointer to data to store in variable				000000		1143100
143200+	* peDataSize = size of data to store in variable				000000		1143200
143300+	*				000000		1143300
143400+	* Returns *ON if successful, *OFF otherwise.				000000		1143400
143500+	*****				000000		1143500
143600+D	http_mfd_encoder_addvar...				000000		1143600
143700+D	PR	1N			000000		1143700
143800+D	peEncoder	* value			000000		1143800
143900+D	peVariable	50A	varying value		000000		1143900
144000+D	peData	* value			000000		1144000
144100+D	peDataSize	10I 0	value		000000		1144100
144200+					000000		1144200
144300+					000000		1144300
144400+	*****				000000		1144400
144500+	* http_mfd_encoder_addvar_s(): Simplified (but limited)				000000		1144500
144600+	* interface to http_mfd_encoder_addvar().				000000		1144600
144700+	*				000000		1144700
144800+	* peEncoder = (input) HTTP_mfd_encoder object				000000		1144800
144900+	* peVariable = (input) variable name to set				000000		1144900
145000+	* peValue = (input) value to set variable to				000000		1145000
145100+	*				000000		1145100
145200+	* Returns *ON if successful, *OFF otherwise				000000		1145200

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
145300+	*****			000000		1145300	
145400+D	http_mfd_encoder_addvar_s...			000000		1145400	
145500+D	PR 1N			000000		1145500	
145600+D	peEncoder *	value		000000		1145600	
145700+D	peVariable 50A	varying value		000000		1145700	
145800+D	peValue 256A	varying value		000000		1145800	
145900+				000000		1145900	
146000+				000000		1146000	
146100+	*****			000000		1146100	
146200+	* http_mfd_encoder_addstmf(): Add a stream file to what's stored			000000		1146200	
146300+	* in a multipart/form-data encoder.			000000		1146300	
146400+	*			000000		1146400	
146500+	* peEncoder = pointer to encoder created by the			000000		1146500	
146600+	* http_mfd_encoder_open() routine			000000		1146600	
146700+	* peVariable = variable name to add			000000		1146700	
146800+	* pePathName = Path name of stream file to add			000000		1146800	
146900+	* peContType = Content-type of stream file to add			000000		1146900	
147000+	*			000000		1147000	
147100+	* Returns *ON if successful, *OFF otherwise.			000000		1147100	
147200+	*****			000000		1147200	
147300+D	http_mfd_encoder_addstmf...			000000		1147300	
147400+D	PR 1N			000000		1147400	
147500+D	peEncoder *	value		000000		1147500	
147600+D	peVariable 50A	varying value		000000		1147600	
147700+D	pePathName *	value options(*string)		000000		1147700	
147800+D	peContType 64A	varying const		000000		1147800	
147900+				000000		1147900	
148000+				000000		1148000	
148100+	*****			000000		1148100	
148200+	* http_mfd_encoder_close(): close an open multipart/form-data			000000		1148200	
148300+	* encoder.			000000		1148300	
148400+	*			000000		1148400	
148500+	* peEncoder = (input) encoder to close			000000		1148500	
148600+	*****			000000		1148600	
148700+D	http_mfd_encoder_close...			000000		1148700	
148800+D	PR			000000		1148800	
148900+D	peEncoder *	value		000000		1148900	
149000+				000000		1149000	
149100+				000000		1149100	
149200+	*****			000000		1149200	
149300+	* http_debug(): Turn debugging info *ON or *OFF			000000		1149300	
149400+	*			000000		1149400	
149500+	* peStatus = (input) status (either *ON or *OFF)			000000		1149500	
149600+	*			000000		1149600	
149700+	* peFilename = (input/optional) filename that debug info will be			000000		1149700	
149800+	* written to. If not defined, the value from			000000		1149800	
149900+	* CONFIG_H is used.			000000		1149900	
150000+	*****			000000		1150000	
150100+D	http_debug PR			000000		1150100	
150200+D	peStatus 1N	const		000000		1150200	
150300+D	peFilename 500A	varying const options(*nopass)		000000		1150300	
150400+				000000		1150400	
150500+				000000		1150500	
150600+	*****			000000		1150600	
150700+	* HTTP_SetCCSIDs(): Set the CCSIDs used for ASCII/EBCDIC			000000		1150700	
150800+	* translation			000000		1150800	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	Num	Line	Date	Id	Number	
150900+	*			000000		1150900	
151000+	* pePostRem = (input) Remote CCSID of POST data			000000		1151000	
151100+	* pePostLoc = (input) Local CCSID of POST data			000000		1151100	
151200+	* peProtRem = (input) Remote CCSID of Protocol data			000000		1151200	
151300+	* peProtLoc = (input) Local CCSID of Protocol data			000000		1151300	
151400+	*			000000		1151400	
151500+	* Returns 0 if successful, -1 otherwise			000000		1151500	
151600+	*****			000000		1151600	
151700+D	HTTP_SetCCSIDs PR 10I 0			000000		1151700	
151800+D	pePostRem 10I 0 value			000000		1151800	
151900+D	pePostLoc 10I 0 value			000000		1151900	
152000+D	peProtRem 10I 0 value options(*nopass)			000000		1152000	
152100+D	peProtLoc 10I 0 value options(*nopass)			000000		1152100	
152200+				000000		1152200	
152300+				000000		1152300	
152400+	*****			000000		1152400	
152500+	* HTTP_SetTables(): Set the translation tables used for			000000		1152500	
152600+	* ASCII/EBCDIC translation			000000		1152600	
152700+	*			000000		1152700	
152800+	* peASCII = (input) Table for converting to ASCII			000000		1152800	
152900+	* peEBCDIC = (input) Table for converting to EBCDIC			000000		1152900	
153000+	*			000000		1153000	
153100+	* Returns 0 if successful, -1 otherwise			000000		1153100	
153200+	*****			000000		1153200	
153300+D	HTTP_SetTables PR 10I 0			000000		1153300	
153400+D	peASCII 10A const			000000		1153400	
153500+D	peEBCDIC 10A const			000000		1153500	
153600+				000000		1153600	
153700+				000000		1153700	
153800+	*****			000000		1153800	
153900+	* HTTP_SetFileCCSID(): Set the CCSID that downloaded stream			000000		1153900	
154000+	* files get tagged with			000000		1154000	
154100+	*			000000		1154100	
154200+	* peCCSID = (input) New CCSID to assign			000000		1154200	
154300+	*			000000		1154300	
154400+	* NOTE: HTTPAPI does not do *any* translation of downloaded			000000		1154400	
154500+	* data. It only sets this number as part of the file's			000000		1154500	
154600+	* attributes. You can change it with the CHGATR CL			000000		1154600	
154700+	* command.			000000		1154700	
154800+	*			000000		1154800	
154900+	* NOTE: The IFS did not support CCSIDs in V4R5 and earlier.			000000		1154900	
155000+	* On those releases, this API will be used to set the			000000		1155000	
155100+	* codepage rather than the CCSID.			000000		1155100	
155200+	*			000000		1155200	
155300+	* Returns 0 if successful, -1 otherwise			000000		1155300	
155400+	*****			000000		1155400	
155500+D	HTTP_SetfileCCSID...			000000		1155500	
155600+D	PR			000000		1155600	
155700+D	peCCSID 10I 0 value			000000		1155700	
155800+				000000		1155800	
155900+				000000		1155900	
156000+	*****			000000		1156000	
156100+	* HTTP_xlate(): Translate data from ASCII <--> EBCDIC			000000		1156100	
156200+	*			000000		1156200	
156300+	* peSize = (input) Size of data to translate			000000		1156300	
156400+	* peData = (input) Data			000000		1156400	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number			Num	Line	Date	Id	Number
156500+	* peDirection = (input) can be set to the TO_ASCII or				000000		1156500
156600+	* TO_EBCDIC constant.				000000		1156600
156700+	*				000000		1156700
156800+	* Returns 0 if successful, -1 upon failure				000000		1156800
156900+	*****				000000		1156900
157000+	D HTTP_xlate PR 10I 0				000000		1157000
157100+	D peSize 10I 0 value				000000		1157100
157200+	D peData 32766A options(*varsize)				000000		1157200
157300+	D peDirection 1A const				000000		1157300
157400+	*				000000		1157400
157500+	*				000000		1157500
157600+	*****				000000		1157600
157700+	* HTTP_xlatep(): Translate data from ASCII <--> EBCDIC				000000		1157700
157800+	* (using a pointer instead of a variable)				000000		1157800
157900+	*				000000		1157900
158000+	* peSize = (input) Size of data to translate				000000		1158000
158100+	* peData = (input) Data				000000		1158100
158200+	* peDirection = (input) can be set to the TO_ASCII or				000000		1158200
158300+	* TO_EBCDIC constant.				000000		1158300
158400+	*				000000		1158400
158500+	* Returns 0 if successful, -1 upon failure				000000		1158500
158600+	*****				000000		1158600
158700+	D HTTP_xlatep PR 10I 0				000000		1158700
158800+	D peSize 10I 0 value				000000		1158800
158900+	D peData * value				000000		1158900
159000+	D peDirection 1A const				000000		1159000
159100+	*				000000		1159100
159200+	*				000000		1159200
159300+	*****				000000		1159300
159400+	* HTTP_xlatedyn: Translate data from ASCII <--> EBCDIC				000000		1159400
159500+	* using a dynamically sized output buffer				000000		1159500
159600+	*				000000		1159600
159700+	* peSize = (input) size of data to translate				000000		1159700
159800+	* peData = (input) pointer to data to translate				000000		1159800
159900+	* peDirection = (input) TO_ASCII or TO_EBCDIC				000000		1159900
160000+	* peOutput = (output) address of newly allocated memory				000000		1160000
160100+	*				000000		1160100
160200+	* returns the length of the translated data or -1 upon failure				000000		1160200
160300+	*****				000000		1160300
160400+	D HTTP_xlatedyn PR 10I 0				000000		1160400
160500+	D peSize 10I 0 value				000000		1160500
160600+	D peData * value				000000		1160600
160700+	D peDirection 1A const				000000		1160700
160800+	D peOutput *				000000		1160800
160900+	*				000000		1160900
161000+	*				000000		1161000
161100+	*****				000000		1161100
161200+	* http_set_100_timeout(): Set value for 100-continue timeouts.				000000		1161200
161300+	*				000000		1161300
161400+	* HTTP's POST/PUT operations have a feature to let you detect				000000		1161400
161500+	* where your request URI is valid prior to uploading a document				000000		1161500
161600+	* body (such as POST data or a file upload).				000000		1161600
161700+	*				000000		1161700
161800+	* HTTPAPI can send "Expect: 100-continue" and the server should				000000		1161800
161900+	* reply with status 100 to indicate that the upload should proceed				000000		1161900
162000+	* or else provide an error message if the upload should not proceed.				000000		1162000



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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
162100+	*			000000		1162100	
162200+	* Despite being a part of the HTTP/1.1 protocol standard, many			000000		1162200	
162300+	* servers do not implement this properly.			000000		1162300	
162400+	*			000000		1162400	
162500+	* Therefore:			000000		1162500	
162600+	* a) You may set the timeout to 0. HTTPAPI will not attempt			000000		1162600	
162700+	* to use the 100-continue feature.			000000		1162700	
162800+	* b) You may set the timeout to a low value, so that HTTPAPI			000000		1162800	
162900+	* will use the feature if possible, but will time			000000		1162900	
163000+	* quickly if the feature isn't implemented			000000		1163000	
163100+	* c) You may set the timeout to a higher value if you want			000000		1163100	
163200+	* to ensure that HTTPAPI always waits for it before			000000		1163200	
163300+	* sending an upload.			000000		1163300	
163400+	*			000000		1163400	
163500+	* The timeout value is expressed in seconds, and may range			000000		1163500	
163600+	* from 0.001 (1 millisecond) to 9999999.999 (approx 116 days)			000000		1163600	
163700+	* or 0 = don't wait at all.			000000		1163700	
163800+	*****			000000		1163800	
163900+D	http_set_100_timeout...			000000		1163900	
164000+D	PR			000000		1164000	
164100+D	peTimeout 10P 3 value			000000		1164100	
164200+	*			000000		1164200	
164300+	*			000000		1164300	
164400+	*****			000000		1164400	
164500+	* HTTP_xml_SetCCSIDs(): Set the CCSIDs used for ASCII/EBCDIC			000000		1164500	
164600+	* translation for XML documents			000000		1164600	
164700+	*			000000		1164700	
164800+	* peRemote = (input) remote CCSID			000000		1164800	
164900+	* peLocal = (input) local CCSID (can be 0 if you want			000000		1164900	
165000+	* to use the CCSID of the current job)			000000		1165000	
165100+	*			000000		1165100	
165200+	* Returns 0 if successful, -1 otherwise			000000		1165200	
165300+	*****			000000		1165300	
165400+D	HTTP_xml_SetCCSIDs...			000000		1165400	
165500+D	PR 10I 0			000000		1165500	
165600+D	peRemote 10I 0 value			000000		1165600	
165700+D	peLocal 10I 0 value			000000		1165700	
165800+	*			000000		1165800	
165900+	*			000000		1165900	
166000+	*****			000000		1166000	
166100+	* http_parse_xml_stmf(): Parse XML data directly from a stream file			000000		1166100	
166200+	* (instead of downloading it from a server)			000000		1166200	
166300+	*			000000		1166300	
166400+	* peFile = (input) Stream file (in IFS) to read data from			000000		1166400	
166500+	* peCCSID = (input) CCSID of stream file,			000000		1166500	
166600+	* or HTTP_XML_CALC to attempt to calculate it			000000		1166600	
166700+	* from the XML encoding			000000		1166700	
166800+	* or HTTP_STMF_CALC to use the stream file's			000000		1166800	
166900+	* CCSID attribute.			000000		1166900	
167000+	* peStartProc = (input) call-back procedure to call at the start			000000		1167000	
167100+	* of each XML element received.			000000		1167100	
167200+	* peEndProc = (input) call-back procedure to call at the end			000000		1167200	
167300+	* of each XML element received.			000000		1167300	
167400+	* peUsrDta = (input) user-defined data that will be passed			000000		1167400	
167500+	* to the call-back routine			000000		1167500	
167600+	*			000000		1167600	

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
167700+	* Returns -1 upon failure, 0 if successful			000000		1167700	
167800+	*****			000000		1167800	
167900+	http_parse_xml_stmf...			000000		1167900	
168000+	PR 10I 0			000000		1168000	
168100+	peFile 32767A	varying const options(*varsize)		000000		1168100	
168200+	peCCSID 10I 0	value		000000		1168200	
168300+	peStartProc *	value procptr		000000		1168300	
168400+	peEndProc *	value procptr		000000		1168400	
168500+	peUsrDta *	value		000000		1168500	
168600+				000000		1168600	
168700+	HTTP_XML_CALC C	-1		000000		1168700	
168800+	HTTP_STMF_CALC C	-2		000000		1168800	
168900+				000000		1168900	
169000+				000000		1169000	
169100+	*****			000000		1169100	
169200+	* http_header(): retrieve the value of an HTTP header			000000		1169200	
169300+	*			000000		1169300	
169400+	* name = (input) name of header to look for			000000		1169400	
169500+	* pos = (input/optional) position of header if there's			000000		1169500	
169600+	* more than one with the same name			000000		1169600	
169700+	*			000000		1169700	
169800+	* returns the value of the HTTP header, or '' if not found			000000		1169800	
169900+	*****			000000		1169900	
170000+	http_header PR 32500A	varying		000000		1170000	
170100+	name 256A	varying const		000000		1170100	
170200+	pos 10I 0	value options(*nopass)		000000		1170200	
170300+				000000		1170300	
170400+				000000		1170400	
170500+	*****			000000		1170500	
170600+	* http_use_cookies(): Turns on/off HTTPAPI's cookie parsing and			000000		1170600	
170700+	* caching routines.			000000		1170700	
170800+	*			000000		1170800	
170900+	* peSetting = (input) *ON = HTTPAPI will read and send cookies			000000		1170900	
171000+	* *OFF = HTTPAPI will ignore cookies			000000		1171000	
171100+	* (has no affect on cookies supplied			000000		1171100	
171200+	* via an exit procedure)			000000		1171200	
171300+	*****			000000		1171300	
171400+	http_use_cookies...			000000		1171400	
171500+	PR			000000		1171500	
171600+	peSetting 1N	const		000000		1171600	
171700+				000000		1171700	
171800+				000000		1171800	
171900+	*****			000000		1171900	
172000+	* http_cookie_file(): Set the name of the file that HTTPAPI			000000		1172000	
172100+	* will use to store cookies.			000000		1172100	
172200+	*			000000		1172200	
172300+	* peFilename = (input) Filename (IFS path) to store cookie			000000		1172300	
172400+	* data into.			000000		1172400	
172500+	* peSession = (input) include session cookies (temp cookies)			000000		1172500	
172600+	* in cookie file? Default = *OFF			000000		1172600	
172700+	*			000000		1172700	
172800+	* If the filename is set to '', or if you do not call this API,			000000		1172800	
172900+	* cookies will only be saved until the activation group is			000000		1172900	
173000+	* reclaimed.			000000		1173000	
173100+	*****			000000		1173100	
173200+	http_cookie_file...			000000		1173200	

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
173300+D	PR			000000		1173300	
173400+D	peFilename	256A	varying const	000000		1173400	
173500+D	peSession	1n	const options(*nopass:*omit)	000000		1173500	
173600+				000000		1173600	
173700+				000000		1173700	
173800+	*****			000000		1173800	
173900+	* http_comp(): Send a completion message			000000		1173900	
174000+	* *****			000000		1174000	
174100+	* peMessage = message to send.			000000		1174100	
174200+	* *****			000000		1174200	
174300+D	http_comp	PR		000000		1174300	
174400+D	peMessage	256A	const	000000		1174400	
174500+				000000		1174500	
174600+				000000		1174600	
174700+	* *****			000000		1174700	
174800+	* http_diag(): Send a diagnostic message			000000		1174800	
174900+	* *****			000000		1174900	
175000+	* peMessage = message to send.			000000		1175000	
175100+	* *****			000000		1175100	
175200+D	http_diag	PR		000000		1175200	
175300+D	peMessage	256A	const	000000		1175300	
175400+				000000		1175400	
175500+				000000		1175500	
175600+	* *****			000000		1175600	
175700+	* http_crash(): Send back an *ESCAPE message containing last			000000		1175700	
175800+	* error found in HTTPAPI.			000000		1175800	
175900+	* *****			000000		1175900	
176000+D	http_crash	PR		000000		1176000	
176100+				000000		1176100	
176200+				000000		1176200	
176300+	* *****			000000		1176300	
176400+	* http_tempfile(): Generate a unique temporary IFS file name			000000		1176400	
176500+	* *****			000000		1176500	
176600+	* returns the file name			000000		1176600	
176700+	* *****			000000		1176700	
176800+D	http_tempfile	PR	40A varying	000000		1176800	
176900+				000000		1176900	
177000+				000000		1177000	
177100+	* ***** +			000000		1177100	
177200+	* http_xmlns(): Enable XML Namespace processing			000000		1177200	
177300+	* *****			000000		1177300	
177400+	* peEnable = (input) *ON to enable parsing, *OFF to disable.			000000		1177400	
177500+	* (it is disabled by default)			000000		1177500	
177600+	* ***** +			000000		1177600	
177700+D	http_xmlns	PR		000000		1177700	
177800+D	peEnable	1N	const	000000		1177800	
177900+				000000		1177900	
178000+				000000		1178000	
178100+	* ***** +			000000		1178100	
178200+	* http_XmlReturnPtr(): XML End Element Handler should return a			000000		1178200	
178300+	* pointer to the full element value instead of			000000		1178300	
178400+	* returning a VARYING character string.			000000		1178400	
178500+	* (VARYING is limited to 64k)			000000		1178500	
178600+	* *****			000000		1178600	
178700+	* peEnable = (input) *ON to return a pointer, *OFF to return			000000		1178700	
178800+	* a VARYING string (*OFF = default)			000000		1178800	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
178900+	*****			000000		1178900	
179000+	D http_XmlReturnPtr...			000000		1179000	
179100+	D PR			000000		1179100	
179200+	D peEnable 1N const			000000		1179200	
179300+				000000		1179300	
179400+				000000		1179400	
179500+	*****			000000		1179500	
179600+	* http_XmlStripCRLF(): Enable stripping of CRLF characters			000000		1179600	
179700+	*			000000		1179700	
179800+	* peEnable = (input) *ON to strip, *OFF to leave them in.			000000		1179800	
179900+	* (they are stripped by default)			000000		1179900	
180000+	*			000000		1180000	
180100+	* Note: To simplify your XML string manipulations, HTTPAPI			000000		1180100	
180200+	* strips CRLF characters from the response. If you would			000000		1180200	
180300+	* prefer that they are left in the response, call this			000000		1180300	
180400+	* routine with a parameter of *OFF.			000000		1180400	
180500+	*****			000000		1180500	
180600+	D http_XmlStripCRLF...			000000		1180600	
180700+	D PR			000000		1180700	
180800+	D peEnable 1N const			000000		1180800	
180900+				000000		1180900	
181000+				000000		1181000	
181100+	*****			000000		1181100	
181200+	* http_parser_switch_cb(): delegates element processing to another			000000		1181200	
181300+	* set of start and end element callback procedures for the			000000		1181300	
181400+	* current element and its children.			000000		1181400	
181500+	*			000000		1181500	
181600+	* peUsrDta = (input) user-defined data that will be passed to			000000		1181600	
181700+	* the call-back routine. usuallay only that			000000		1181700	
181800+	* portion of the curent user data is forwarded			000000		1181800	
181900+	* to the new callback procedures that they are			000000		1181900	
182000+	* responsible for.			000000		1182000	
182100+	* peStartProc = (input) call-back procedure to call at the start			000000		1182100	
182200+	* of each XML element received.			000000		1182200	
182300+	* peEndProc = (input) call-back procedure to call at the end			000000		1182300	
182400+	* of each XML element received.			000000		1182400	
182500+	*			000000		1182500	
182600+	* Returns -1 upon failure, 0 upon success			000000		1182600	
182700+	*****			000000		1182700	
182800+	D http_parser_switch_cb...			000000		1182800	
182900+	D PR 10I 0			000000		1182900	
183000+	D peUsrDta * value			000000		1183000	
183100+	D peStartProc * value procptr			000000		1183100	
183200+	D peEndProc * value procptr options(*nopass)			000000		1183200	
183300+				000000		1183300	
183400+				000000		1183400	
183500+	*****			000000		1183500	
183600+	* http_parser_get_start_cb(): returns the procedure pointer of			000000		1183600	
183700+	* the currently active start callback procedure.			000000		1183700	
183800+	*			000000		1183800	
183900+	* Returns procedure pointer of start callback procedure.			000000		1183900	
184000+	*****			000000		1184000	
184100+	D http_parser_get_start_cb...			000000		1184100	
184200+	D PR * procptr			000000		1184200	
184300+				000000		1184300	
184400+	*****			000000		1184400	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
184500+	* http_parser_get_end_cb(): returns the procedure pointer of			000000		1184500	
184600+	* the currently active end callback procedure.			000000		1184600	
184700+	*			000000		1184700	
184800+	* Returns procedure pointer of end callback procedure.			000000		1184800	
184900+	*****			000000		1184900	
185000+D	http_parser_get_end_cb...			000000		1185000	
185100+D	PR * procptr			000000		1185100	
185200+				000000		1185200	
185300+	*****			000000		1185300	
185400+	* http_parser_get_userdata(): returns the procedure pointer of			000000		1185400	
185500+	* the currently active user data.			000000		1185500	
185600+	*			000000		1185600	
185700+	* Returns procedure pointer of user data.			000000		1185700	
185800+	*****			000000		1185800	
185900+D	http_parser_get_userdata...			000000		1185900	
186000+D	PR *			000000		1186000	
186100+				000000		1186100	
186200+				000000		1186200	
186300+	***** +			000000		1186300	
186400+	* http_parse_xml_string(): Parse XML from an input string.			000000		1186400	
186500+	* (instead of downloading it from a server)			000000		1186500	
186600+	*			000000		1186600	
186700+	* peString = (input) Pointer to string			000000		1186700	
186800+	* peLen = (input) Length of string to parse			000000		1186800	
186900+	* peCCSID = (input) CCSID of string to be parsed			000000		1186900	
187000+	* peStartProc = (input) call-back procedure to call at the start			000000		1187000	
187100+	* of each XML element received.			000000		1187100	
187200+	* peEndProc = (input) call-back procedure to call at the end			000000		1187200	
187300+	* of each XML element received.			000000		1187300	
187400+	* peUsrDta = (input) user-defined data that will be passed			000000		1187400	
187500+	* to the call-back routine			000000		1187500	
187600+	*			000000		1187600	
187700+	* Returns -1 upon failure, 0 upon success			000000		1187700	
187800+	*****			000000		1187800	
187900+D	http_parse_xml_string...			000000		1187900	
188000+D	PR 10i 0			000000		1188000	
188100+D	peString * value			000000		1188100	
188200+D	peLen 10I 0 value			000000		1188200	
188300+D	peCCSID 10I 0 value			000000		1188300	
188400+D	peStartProc * value procptr			000000		1188400	
188500+D	peEndProc * value procptr			000000		1188500	
188600+D	peUsrDta * value			000000		1188600	
188700+				000000		1188700	
188800+				000000		1188800	
188900+	*****			000000		1188900	
189000+	* HTTP_nextXmlAttr(): Retrieve next XML attribute from attrs list			000000		1189000	
189100+	*			000000		1189100	
189200+	* attrs = (input) attribute list to extract from			000000		1189200	
189300+	* num = (i/o) position in attribute list. On first			000000		1189300	
189400+	* call, set this to 1. HTTPAPI will			000000		1189400	
189500+	* increment this as it moves through the list			000000		1189500	
189600+	* name = (output) XML attribute name (from list)			000000		1189600	
189700+	* val = (output) XML attribute value (from list)			000000		1189700	
189800+	*			000000		1189800	
189900+	* Returns *ON normally, *OFF if there's no more attributes to read			000000		1189900	
190000+	*****			000000		1190000	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
190100+D	HTTP_nextXmlAttr...			000000		1190100	
190200+D	PR	1N		000000		1190200	
190300+D	attrs	* dim(32767)		000000		1190300	
190400+D		const options(*varsize)		000000		1190400	
190500+D	num	10i 0		000000		1190500	
190600+D	name	1024a varying		000000		1190600	
190700+D	val	65535a varying		000000		1190700	
190800+				000000		1190800	
190900+				000000		1190900	
191000+	*****			000000		1191000	
191100+	* http_EscapeXml(): Escape any special characters used by XML			000000		1191100	
191200+	*			000000		1191200	
191300+	* peString = (input) string to escape			000000		1191300	
191400+	*			000000		1191400	
191500+	* Returns escaped string.			000000		1191500	
191600+	*****			000000		1191600	
191700+D	http_EscapeXml	PR 4096a varying		000000		1191700	
191800+D	peString	4096a varying const		000000		1191800	
191900+				000000		1191900	
192000+				000000		1192000	
192100+	/if defined(HTTP_WSDL2RPG_STUFF)			000000		1192100	
	LINES EXCLUDED: 32						
195400+	/endif			000000		1195400	
195500+				000000		1195500	
195600+				000000		1195600	
195700+	*****			000000		1195700	
195800+	* http_dwrite(): Write raw (binary) data to the HTTPAPI debug			000000		1195800	
195900+	* log.			000000		1195900	
196000+	*			000000		1196000	
196100+	* peData = pointer to raw data to write			000000		1196100	
196200+	* peLen = length of the data to write			000000		1196200	
196300+	*			000000		1196300	
196400+	* NOTE: The debug log is opened the first time http_dwrite()			000000		1196400	
196500+	* or http_dmsg() is called, and closed at the end of a			000000		1196500	
196600+	* an HTTP transaction (such as GET or POST) If you attempt			000000		1196600	
196700+	* to write after a transaction, the file will be re-opened			000000		1196700	
196800+	* and not closed until the next transaction, or until			000000		1196800	
196900+	* http_dclose() is called.			000000		1196900	
197000+	*****			000000		1197000	
197100+D	http_dwrite	PR		000000		1197100	
197200+D	peData	* value		000000		1197200	
197300+D	peLen	10I 0 value		000000		1197300	
197400+				000000		1197400	
197500+				000000		1197500	
197600+	*****			000000		1197600	
197700+	* http_dmsg(): Write one line of text to the HTTPAPI debug log			000000		1197700	
197800+	*			000000		1197800	
197900+	* peMsgTxt = one message (one line of text) to write to			000000		1197900	
198000+	* the debug log. CRLF will be added for you			000000		1198000	
198100+	* and the data will be undergo EBCDIC->ASCII			000000		1198100	
198200+	* translation as it's written.			000000		1198200	
198300+	*			000000		1198300	
198400+	* NOTE: The debug log is opened the first time http_dwrite()			000000		1198400	
198500+	* or http_dmsg() is called, and closed at the end of a			000000		1198500	
198600+	* an HTTP transaction (such as GET or POST) If you attempt			000000		1198600	
198700+	* to write after a transaction, the file will be re-opened			000000		1198700	

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
198800+	* and not closed until the next transaction, or until			000000		1198800	
198900+	* http_dclose() is called.			000000		1198900	
199000+	*****			000000		1199000	
199100+D	http_dmsg PR			000000		1199100	
199200+D	peMsgTxt 256A const			000000		1199200	
199300+				000000		1199300	
199400+				000000		1199400	
199500+	*****			000000		1199500	
199600+	* http_dclose(): Close the HTTPAPI debug log.			000000		1199600	
199700+	*			000000		1199700	
199800+	* NOTE: Calling http_dmsg or http_dwrite will automatically			000000		1199800	
199900+	* reopen the log. The log is automatically closed at			000000		1199900	
200000+	* the end of an HTTP transaction (such as GET or POST)			000000		1200000	
200100+	* If you want to close it at another time, call this			000000		1200100	
200200+	* routine.			000000		1200200	
200300+	*****			000000		1200300	
200400+D	http_dclose PR			000000		1200400	
200500+				000000		1200500	
200600+				000000		1200600	
200700+	***** +			000000		1200700	
200800+	* http_XmlReturnUCS(): The XML End Handler should get it's data			000000		1200800	
200900+	* in UCS-2 Unicode (RPG data type C) instead			000000		1200900	
201000+	* of EBCDIC (RPG data type A)			000000		1201000	
201100+	*			000000		1201100	
201200+	* peEnable = (input) *ON to return data in Unicode			000000		1201200	
201300+	* *OFF to return data in EBCDIC (default)			000000		1201300	
201400+	*			000000		1201400	
201500+	* NOTE: This can be used in conjunction with http_XmlReturnPtr.			000000		1201500	
201600+	* When XmlReturnPtr is off, the data is returned as a			000000		1201600	
201700+	* UCS-2 VARYING parameter. When XmlReturnPtr=on, the data			000000		1201700	
201800+	* is returned as a pointer to a DS containing UCS-2			000000		1201800	
201900+	* data (as opposed to alphanumeric)			000000		1201900	
202000+	***** +			000000		1202000	
202100+D	http_XmlReturnUCS...			000000		1202100	
202200+D	PR			000000		1202200	
202300+D	peEnable 1N const			000000		1202300	
202400+				000000		1202400	
202500+				000000		1202500	
202600+	***** +			000000		1202600	
202700+	* http_parser_init(): Initializes the XML parser.			000000		1202700	
202800+	* Afterwards http_parser_parseChunk() can			000000		1202800	
202900+	* be used to parse a given XML stream.			000000		1202900	
203000+	*			000000		1203000	
203100+	* peCCSID = (input) CCSID of string to be parsed			000000		1203100	
203200+	* peStartProc = (input) call-back procedure to call at the start			000000		1203200	
203300+	* of each XML element received.			000000		1203300	
203400+	* peEndProc = (input) call-back procedure to call at the end			000000		1203400	
203500+	* of each XML element received.			000000		1203500	
203600+	* peUsrDta = (input) user-defined data that will be passed			000000		1203600	
203700+	* to the call-back routine			000000		1203700	
203800+	*			000000		1203800	
203900+	* Returns the length of the parsed data or -1 upon failure			000000		1203900	
204000+	*****			000000		1204000	
204100+D	http_parser_init...			000000		1204100	
204200+D	PR			000000		1204200	
204300+D	peCCSID 10I 0 const options(*omit)			000000		1204300	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
204400+D	peStartProc	* value procptr		000000		1204400	
204500+D	peEndProc	* value procptr		000000		1204500	
204600+D	peUsrDta	* value		000000		1204600	
204700+				000000		1204700	
204800+				000000		1204800	
204900+	*****			000000		1204900	
205000+	* http_parser_parseChunk():	Parses a given chunk of XML data.		000000		1205000	
205100+	*	Can be invoked multiple times in		000000		1205100	
205200+	*	between http_parser_init() and		000000		1205200	
205300+	*	http_parser_free.		000000		1205300	
205400+	*			000000		1205400	
205500+	*	peFD = (input) Open file descriptor. Not used here but		000000		1205500	
205600+	*	required for compatibility reasons.		000000		1205600	
205700+	*	peData = (input) Pointer of the XML data.		000000		1205700	
205800+	*	peLength = (input) Length of the XML data.		000000		1205800	
205900+	*			000000		1205900	
206000+	*****			000000		1206000	
206100+D	http_parser_parseChunk...			000000		1206100	
206200+D	PR	10I 0		000000		1206200	
206300+D	peFD	10I 0 value		000000		1206300	
206400+D	peData	* value options(*string)		000000		1206400	
206500+D	peLength	10I 0 value		000000		1206500	
206600+				000000		1206600	
206700+				000000		1206700	
206800+	*****			000000		1206800	
206900+	* http_parser_free():	Frees a previously allocated parser.		000000		1206900	
207000+	*			000000		1207000	
207100+	*	peUpdError = (input) Update error information. Default: *ON.		000000		1207100	
207200+	*			000000		1207200	
207300+	*****			000000		1207300	
207400+D	http_parser_free...			000000		1207400	
207500+D	PR	10I 0		000000		1207500	
207600+D	peUpdError	N const options(*nopass: *omit)		000000		1207600	
207700+				000000		1207700	
207800+				000000		1207800	
207900+	*****			000000		1207900	
208000+	** Error codes that HTTP API can return			000000		1208000	
208100+	*****			000000		1208100	
208200+	** Invalid URL format			000000		1208200	
208300+D	HTTP_BADURL	C CONST(1)		000000		1208300	
208400+	** Host not found (not a valid IP address, or DNS lookup failed)			000000		1208400	
208500+D	HTTP_HOSTNF	C CONST(2)		000000		1208500	
208600+	** Unable to create a new socket			000000		1208600	
208700+D	HTTP_SOCERR	C CONST(4)		000000		1208700	
208800+	** Error when connecting to server			000000		1208800	
208900+D	HTTP_BADCNN	C CONST(6)		000000		1208900	
209000+	** Timeout when connecting to server			000000		1209000	
209100+D	HTTP_CNNTIMO	C CONST(7)		000000		1209100	
209200+	** HTTP response code logged (not an error, per se)			000000		1209200	
209300+D	HTTP_RESP	C CONST(13)		000000		1209300	
209400+	** Error calling user-specified procedure in the			000000		1209400	
209500+	** recvdoc() procedure. (user proc must return full count)			000000		1209500	
209600+D	HTTP_RDWERR	C CONST(16)		000000		1209600	
209700+	** Unsupported transfer-encoding value			000000		1209700	
209800+D	HTTP_XFRENC	C CONST(20)		000000		1209800	
209900+	** Error opening file to save data into.			000000		1209900	



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
210000+D	HTTP_FDOPEN C	CONST(22)			000000		1210000
210100+	** Problem with the Application ID for the DCM				000000		1210100
210200+D	HTTP_GSKAPPID C	CONST(23)			000000		1210200
210300+	** Error setting auth type				000000		1210300
210400+D	HTTP_GSKATYP C	CONST(24)			000000		1210400
210500+	** Error initializing GSKit environment				000000		1210500
210600+D	HTTP_GSKENVI C	CONST(25)			000000		1210600
210700+	** Error opening GSKit environment				000000		1210700
210800+D	HTTP_GSKENVO C	CONST(26)			000000		1210800
210900+	** Error setting session type (client   server   server_auth)				000000		1210900
211000+D	HTTP_GSKSTYP C	CONST(27)			000000		1211000
211100+	** Error registering application w/DCM				000000		1211100
211200+D	HTTP_REGERR C	CONST(28)			000000		1211200
211300+	** Error open secure socket				000000		1211300
211400+D	HTTP_SSOPE C	CONST(29)			000000		1211400
211500+	** Error setting SSL numeric file descriptor				000000		1211500
211600+D	HTTP_SSSNFD C	CONST(30)			000000		1211600
211700+	** Error setting SSL numeric timeout value				000000		1211700
211800+D	HTTP_SSSNTO C	CONST(31)			000000		1211800
211900+	** SSL handshake timed out				000000		1211900
212000+D	HTTP_SSTIMO C	CONST(32)			000000		1212000
212100+	** This app is not registered with digital cert mgr				000000		1212100
212200+D	HTTP_NOTREG C	CONST(35)			000000		1212200
212300+	** This URI needs authorization (user/pass)				000000		1212300
212400+D	HTTP_NDAUTH C	CONST(36)			000000		1212400
212500+	** Invalid HTTP authentication type				000000		1212500
212600+D	HTTP_ATHTYP C	CONST(37)			000000		1212600
212700+	** Error in value of an HTTP authentication string				000000		1212700
212800+D	HTTP_ATHVAL C	CONST(38)			000000		1212800
212900+	** Server didn't ask for authorizatin				000000		1212900
213000+D	HTTP_NOAUTH C	CONST(39)			000000		1213000
213100+	** blockread() timed out waiting for more data				000000		1213100
213200+D	HTTP_BRTIME C	CONST(43)			000000		1213200
213300+	** blockread() error during recv() call				000000		1213300
213400+D	HTTP_BRRECV C	CONST(44)			000000		1213400
213500+	** blockread() error during select() call				000000		1213500
213600+D	HTTP_BRSELE C	CONST(45)			000000		1213600
213700+	** recvchunk() did not get the trailing CRLF chars				000000		1213700
213800+D	HTTP_RDCRLF C	CONST(46)			000000		1213800
213900+	** Invalid exit point registered with HTTP_Xproc()				000000		1213900
214000+D	HTTP_BADPNT C	CONST(47)			000000		1214000
214100+	** Error retrieving SSL protocol				000000		1214100
214200+D	HTTP_SSPROT C	CONST(48)			000000		1214200
214300+	** Unknown SSL protocol				000000		1214300
214400+D	HTTP_SSPUNK C	CONST(49)			000000		1214400
214500+	** Error setting SSL protocol				000000		1214500
214600+D	HTTP_SSPSET C	CONST(50)			000000		1214600
214700+	** Out of memory				000000		1214700
214800+D	HTTP_NOMEM C	CONST(51)			000000		1214800
214900+	** Must give data in order to encode it				000000		1214900
215000+D	HTTP_NODATA C	CONST(52)			000000		1215000
215100+	** Pointer is invalid or already freed				000000		1215100
215200+D	HTTP_INVPTR C	CONST(53)			000000		1215200
215300+	** Not enough space to add encoded variable				000000		1215300
215400+D	HTTP_NOSPAC C	CONST(54)			000000		1215400
215500+	** Error calling send() API in BlockWrite()				000000		1215500

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
215600+	D HTTP_BWSEND C	CONST(55)			000000		1215600
215700+	** Error calling select() API in BlockWrite()				000000		1215700
215800+	D HTTP_BWSELE C	CONST(56)			000000		1215800
215900+	** Timeout waiting to send in BlockWrite()				000000		1215900
216000+	D HTTP_BWTIME C	CONST(57)			000000		1216000
216100+	** Lineread() had problem with recv() API				000000		1216100
216200+	D HTTP_LRRECV C	CONST(58)			000000		1216200
216300+	** Lineread() had problem with select() API				000000		1216300
216400+	D HTTP_LRSELE C	CONST(59)			000000		1216400
216500+	** Lineread() had timeout				000000		1216500
216600+	D HTTP_LRTIME C	CONST(60)			000000		1216600
216700+	** Procedure is no longer supported				000000		1216700
216800+	D HTTP_NOTSUPP C	CONST(61)			000000		1216800
216900+	** No communication driver defined				000000		1216900
217000+	D HTTP_NOCDRIV C	CONST(62)			000000		1217000
217100+	** Timeout sending data in blockwrite				000000		1217100
217200+	D HTTP_BWTIMO C	CONST(63)			000000		1217200
217300+	** Timeout sending data in blockwrite				000000		1217300
217400+	D HTTP_SWCERR C	CONST(64)			000000		1217400
217500+	** Timeout sending data in blockwrite				000000		1217500
217600+	D HTTP_FDSTAT C	CONST(65)			000000		1217600
217700+	** Error parsing XML data				000000		1217700
217800+	D HTTP_XMLERR C	CONST(66)			000000		1217800
217900+	** Error opening IFS file				000000		1217900
218000+	D HTTP_IFOPEN C	CONST(67)			000000		1218000
218100+	** Error with SSL keyring				000000		1218100
218200+	D HTTP_GSKKEYF C	CONST(68)			000000		1218200
218300+	** Must Use Table / Must not Use Table				000000		1218300
218400+	D HTTP_MUTABLE C	CONST(69)			000000		1218400
218500+	** Cookie file cant be written				000000		1218500
218600+	D HTTP_CKDUMP C	CONST(70)			000000		1218600
218700+	** Cookie file cant be read				000000		1218700
218800+	D HTTP_CKOPEN C	CONST(71)			000000		1218800
218900+	** Can't get stats on cookie file				000000		1218900
219000+	D HTTP_CKSTAT C	CONST(72)			000000		1219000
219100+	** Error converting CCSIDs				000000		1219100
219200+	D HTTP_CONVERR C	CONST(73)			000000		1219200
219300+	** Error setting stream file CCSID				000000		1219300
219400+	D HTTP_SETATTR C	CONST(74)			000000		1219400
219500+	** This Proxy server needs authorization (user/pass)				000000		1219500
219600+	D HTTP_PXNDAUTH C	CONST(75)			000000		1219600
219700+	** XML callback switched illegally				000000		1219700
219800+	D HTTP_ILLSWC C	CONST(76)			000000		1219800
219900+	** Error getting certificate info				000000		1219900
220000+	D HTTP_SSLGCI C	CONST(77)			000000		1220000
220100+	** Error from certificate validation	callback			000000		1220100
220200+	D HTTP_SSLVAL C	CONST(78)			000000		1220200
220300+					000000		1220300
220400+					000000		1220400
220500+	*****				000000		1220500
220600+	* HTTP WWW-Authentication types				000000		1220600
220700+	*****				000000		1220700
220800+	D HTTP_AUTH_NONE...				000000		1220800
220900+	D C	'0'			000000		1220900
221000+	D HTTP_AUTH_BASIC...				000000		1221000
221100+	D C	'1'			000000		1221100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
221200+D	HTTP_AUTH_MD5_DIGEST...			000000		1221200	
221300+D	C	'2'		000000		1221300	
221400+D	HTTP_AUTH_NTLM...			000000		1221400	
221500+D	C	'3'		000000		1221500	
221600+				000000		1221600	
221700+	/define HAVE_NTLM			000000		1221700	
221800+				000000		1221800	
221900+	*****			000000		1221900	
222000+	* HTTPAPI Exit points			000000		1222000	
222100+	*****			000000		1222100	
222200+	** Debug exit point: This is called when ASCII stream data is to be			000000		1222200	
222300+	** to a log file. Here's the prototype for a			000000		1222300	
222400+	** debug exit procedure:			000000		1222400	
222500+	**			000000		1222500	
222600+	** D debug_proto PR			000000		1222600	
222700+	** D DataToLog	* value		000000		1222700	
222800+	** D Length	10I 0 value		000000		1222800	
222900+	**			000000		1222900	
223000+D	HTTP_POINT_DEBUG...			000000		1223000	
223100+D	C	1		000000		1223100	
223200+				000000		1223200	
223300+	** Upload status exit point: This is called periodically during an			000000		1223300	
223400+	** upload (POST) to an HTTP(S) server.			000000		1223400	
223500+	** Allows you to display progress to the			000000		1223500	
223600+	** user.			000000		1223600	
223700+	**			000000		1223700	
223800+	** D upload_proto PR			000000		1223800	
223900+	** D BytesSent	10U 0 value		000000		1223900	
224000+	** D BytesTotal	10U 0 value		000000		1224000	
224100+	**			000000		1224100	
224200+D	HTTP_POINT_UPLOAD_STATUS...			000000		1224200	
224300+D	C	2		000000		1224300	
224400+				000000		1224400	
224500+	** Download status exit point: This is called periodically during a			000000		1224500	
224600+	** download (POST or GET) from an HTTP(S)			000000		1224600	
224700+	** server. Allows you to display the			000000		1224700	
224800+	** progress to the user.			000000		1224800	
224900+	**			000000		1224900	
225000+	** D download_proto PR			000000		1225000	
225100+	** D BytesRecv	10U 0 value		000000		1225100	
225200+	** D BytesTotal	10U 0 value		000000		1225200	
225300+	**			000000		1225300	
225400+D	HTTP_POINT_DOWNLOAD_STATUS...			000000		1225400	
225500+D	C	3		000000		1225500	
225600+				000000		1225600	
225700+	** Additional Header fields exit point:			000000		1225700	
225800+	** Allows you to supply additional header data to be added			000000		1225800	
225900+	** to the HTTP request chain. Data should be in EBCDIC with			000000		1225900	
226000+	** x'0d25' after each header record.			000000		1226000	
226100+	**			000000		1226100	
226200+	** D addl_hdrs_prot PR			000000		1226200	
226300+	** D HeaderData	1024A varying		000000		1226300	
226400+	**			000000		1226400	
226500+D	HTTP_POINT_ADDDL_HEADER...			000000		1226500	
226600+D	C	4		000000		1226600	
226700+				000000		1226700	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
226800+	** Header parse exit point:			000000		1226800	
226900+	** Allows you to examine the HTTP response chain received			000000		1226900	
227000+	** from the HTTP server.			000000		1227000	
227100+	**			000000		1227100	
227200+	** D parse_hdr_prot PR			000000		1227200	
227300+	** D HeaderData 2048A const			000000		1227300	
227400+	**			000000		1227400	
227500+	D HTTP_POINT_PARSE_HEADER...			000000		1227500	
227600+	D C 5			000000		1227600	
227700+	**			000000		1227700	
227800+	** Header parse exit point:			000000		1227800	
227900+	** Allows you to examine the HTTP response chain received			000000		1227900	
228000+	** from the HTTP server. (allows longer headers)			000000		1228000	
228100+	**			000000		1228100	
228200+	** D parse_hdr_long PR			000000		1228200	
228300+	** D HeaderData 32767A const varying			000000		1228300	
228400+	**			000000		1228400	
228500+	D HTTP_POINT_PARSE_HDR_LONG...			000000		1228500	
228600+	D C 6			000000		1228600	
228700+	**			000000		1228700	
228800+	** SSL Certificate validation:			000000		1228800	
228900+	** This will be called repeatedly for each field in each			000000		1228900	
229000+	** certificate when parsed by HTTPAPI.			000000		1229000	
229100+	**			000000		1229100	
229200+	** D cert_valid PR 10i 0			000000		1229200	
229300+	** D usrdta * value			000000		1229300	
229400+	** D id like(CERT_DATA_ID) value			000000		1229400	
229500+	** D data 32767a varying const			000000		1229500	
229600+	** D errmsg 80a			000000		1229600	
229700+	**			000000		1229700	
229800+	** id = certificate data id (see CERT_DATA_ID_T in GSKSSL_H)			000000		1229800	
229900+	** data = certificate element data. (For binary elements, this			000000		1229900	
230000+	** is binary data. For others, it'll be EBCDIC data.)			000000		1230000	
230100+	** errmsg = the callback can use this to return a reason why a			000000		1230100	
230200+	** certificate wasn't valid. (retrievable w/HTTP_error)			000000		1230200	
230300+	**			000000		1230300	
230400+	** Return 0 if okay, -1 if you want to reject it.			000000		1230400	
230500+	**			000000		1230500	
230600+	D HTTP_POINT_CERT_VAL...			000000		1230600	
230700+	D C 7			000000		1230700	
230800+	**			000000		1230800	
230900+	** SSL Certificate validation (GSKit)			000000		1230900	
231000+	** This sets the GSK_CERT_			000000		1231000	
231100+	** within GSKit. The GSKit (not HTTPAPI) will call back			000000		1231100	
231200+	** your procedure to validate a certificate.			000000		1231200	
231300+	**			000000		1231300	
231400+	** See the gsk_attribute_set_callback() API documentation			000000		1231400	
231500+	** in the IBM Information Center for details.			000000		1231500	
231600+	**			000000		1231600	
231700+	** Note: The UserData parameter to http_xproc() will be			000000		1231700	
231800+	** passed as the 3rd parameter to the			000000		1231800	
231900+	** gsk_attribute_set_callback() API -- the peProc			000000		1231900	
232000+	** parameter to http_xproc() is ignored for this			000000		1232000	
232100+	** exit point.			000000		1232100	
232200+	**			000000		1232200	
232300+	D HTTP_POINT_GSKIT_CERT_VAL...			000000		1232300	

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Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...10 Num Line Date Id Number
232400+D C 8 000000 1232400
232500+ 000000 1232500
232600+ 000000 1232600
232700+ *****
232800+ * Directions for HTTP_xlate() and HTTP_xlatep() 000000 1232700
232900+ ***** 000000 1232800
233000+D TO_ASCII C '1' 000000 1232900
233100+D TO_EBCDIC C '2' 000000 1233000
008200 140710 008200
008300 * This is copying from BASE64 library 140710 008300
008400 /copy qrpglesrc,base64_h 140710 008400
*-----*
* RPG member name . . . . . : BASE64_H * 3
* External name . . . . . : BASE64/QRPGLSRC(BASE64_H) * 3
* Last change . . . . . : 12/23/13 17:04:01 * 3
*-----*
000100+/*- + 131223 3000100
000101+ * Copyright (c) 2005 Scott C. Klement + 131223 3000101
000102+ * All rights reserved. + 131223 3000102
000103+ * + 131223 3000103
000104+ * Redistribution and use in source and binary forms, with or without + 131223 3000104
000105+ * modification, are permitted provided that the following conditions + 131223 3000105
000106+ * are met: + 131223 3000106
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000118+ * DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS + 131223 3000118
000119+ * OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) + 131223 3000119
000120+ * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT + 131223 3000120
000121+ * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY + 131223 3000121
000122+ * OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF + 131223 3000122
000123+ * SUCH DAMAGE. + 131223 3000123
000124+ * + 131223 3000124
000125+ */ + 131223 3000125
000126+ 131223 3000126
000127+ /if defined(BASE64_H_DEFINED) 131223 3000127
        LINES EXCLUDED: 1
000129+ /endif 131223 3000129
000130+ /define BASE64_H_DEFINED 131223 3000130
000131+ 131223 3000131
000132+ *+++++ 131223 3000132
000133+ * base64_encode: Encode binary data using Base64 encoding 131223 3000133
000134+ * 131223 3000134
000135+ * Input = (input) pointer to data to convert 131223 3000135
000136+ * InputLen = (input) length of data to convert 131223 3000136
000137+ * Output = (output) pointer to memory to receive output 131223 3000137
000138+ * OutSize = (input) size of area to store output in 131223 3000138
000139+ * 131223 3000139
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Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
000140+	* Returns length of encoded data, or space needed to encode			131223		3000140	
000141+	* data. If this value is greater than OutSize, then			131223		3000141	
000142+	* output may have been truncated.			131223		3000142	
000143+	*****			131223		3000143	
000144+D	base64_encode PR 10U 0			131223		3000144	
000145+D	Input * value			131223		3000145	
000146+D	InputLen 10U 0 value			131223		3000146	
000147+D	Output * value			131223		3000147	
000148+D	OutputSize 10U 0 value			131223		3000148	
000149+				131223		3000149	
000150+				131223		3000150	
000151+	*****			131223		3000151	
000152+	* base64_decode: Decode base64 encoded data back to binary			131223		3000152	
000153+	*			131223		3000153	
000154+	* Input = (input) pointer to base64 data to decodet			131223		3000154	
000155+	* InputLen = (input) length of base64 data			131223		3000155	
000156+	* Output = (output) pointer to memory to receive output			131223		3000156	
000157+	* OutSize = (input) size of area to store output in			131223		3000157	
000158+	*			131223		3000158	
000159+	* Returns length of decoded data, or space needed to decode			131223		3000159	
000160+	* data. If this value is greater than OutSize, then			131223		3000160	
000161+	* output may have been truncated.			131223		3000161	
000162+	*****			131223		3000162	
000163+D	base64_decode PR 10U 0			131223		3000163	
000164+D	Input * value			131223		3000164	
000165+D	InputLen 10U 0 value			131223		3000165	
000166+D	Output * value			131223		3000166	
000167+D	OutputSize 10U 0 value			131223		3000167	
000168+				131223		3000168	
000169+				131223		3000169	
000170+	*****			131223		3000170	
000171+	* base64_inAlphabet(): Check if a given character is in the			131223		3000171	
000172+	* base64 alphabet			131223		3000172	
000173+	*			131223		3000173	
000174+	* Char = (input) character to check			131223		3000174	
000175+	*			131223		3000175	
000176+	* Returns *ON if it's in the alphabet, *OFF otherwise			131223		3000176	
000177+	*****			131223		3000177	
000178+D	base64_inAlphabet...			131223		3000178	
000179+D	PR 1N extproc(*CL:'BASE64_INALPHABET')			131223		3000179	
000180+D	Char 1a value			131223		3000180	
000181+				131223		3000181	
008500				140710		008500	
008600 D	POSX_ServiceSoap_supplyLoginData...			140710		008600	
008700 D	PR 10I 0			140710		008700	
008800 D	extproc('+			140710		008800	
008900 D	POSX_ServiceSoap+			140710		008900	
009000 D	_supplyLoginData+			140710		009000	
009100 D	')			140710		009100	
009200 D	i_authType 14A const varying			140710		009200	
009300 D	i_realm 126A const varying			140710		009300	
009400 D	i_numAttempts 10I 0 const			140710		009400	
009500 D	o_user 50A varying			140710		009500	
009600 D	o_password 50A varying			140710		009600	
009700				140710		009700	
009800 *	Include generated web service stub module to			140710		009800	

```
Line <----- Source Specifications -----><--- Comments ---> Do Page Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
009900 * define the prototype of the web service procedure 140710 009900
010000 * and the required type definitions (aka reference fields). 140710 010000
010100 /DEFINE PROTOTYPE_WS000101 140710 010100
010200 /COPY ROBINK/QWEBSRV,WS000101 140710 010200
*-----*
* RPG member name . . . . . : WS000101 * 4
* External name . . . . . : ROBINK/QWEBSRV(WS000101) * 4
* Last change . . . . . : 07/10/14 09:45:09 * 4
* Text 'description' . . . . : Web Service: EnviaArchivo() * 4
*-----*
000001+ /IF NOT DEFINED(PROTOTYPE_WS000101) 000000 4000001
      LINES EXCLUDED: 58
000060+ /ENDIF 000000 4000060
000061+ /IF NOT DEFINED(PROTOTYPE_DEFINED_WS000101) 000000 4000061
000062+ /DEFINE PROTOTYPE_DEFINED_WS000101 000000 4000062
000063+ * 000000 4000063
000064+ * INFO: 000000 4000064
000065+ * This is the procedure you call to consume the Web Service: 000000 4000065
000066+ * ----- 000000 4000066
000067+ * Operation: EnviaArchivo 000000 4000067
000068+ * Returns : EnviaArchivoResponse 000000 4000068
000069+ * 000000 4000069
000070+ * INFO: 000000 4000070
000071+ * Define your own fields using the type templates used in the prototype 000000 4000071
000072+ * below. Use LIKE(*_t) or LIKEDS(*_t) to define these fields. 000000 4000072
000073+ * All type templates of this web service are defined in web service 000000 4000073
000074+ * module: WS0001 000000 4000074
000075+ * 000000 4000075
000076+D POSX_ServiceSoap_EnviaArchivo... 000000 4000076
000077+D PR likeds(tns_EnviaArchivoResponse_t) 000000 4000077
000078+D extproc('POSX_ServiceSoap_EnviaArchiv 000000 4000078
000079+D vo') 000000 4000079
000080+D i_tns_EnviaArchivo... 000000 4000080
000081+D likeds(tns_EnviaArchivo_t) 000000 4000081
000082+ /IF NOT DEFINED(NO_CONST_ON_INPUT_PARAMETERS) 000000 4000082
000083+D const 000000 4000083
000084+ /ENDIF 000000 4000084
000085+D o_msg like(wsdl_errText_t ) 000000 4000085
000086+ * 000000 4000086
000087+ /COPY QWSDL2RPG,TYPES_H CPY 000000 4000087
*-----*
* RPG member name . . . . . : TYPES_H * 5
* External name . . . . . : WSDL2RPG/QWSDL2RPG(TYPES_H) * 5
* Last change . . . . . : 09/18/13 08:21:14 * 5
* Text 'description' . . . . : Type definitions (public) * 5
*-----*
000100+ /IF NOT DEFINED(WSDL2RPG_WS_STUB_COMMON_TYPES) 591118 5000100
000200+ /DEFINE WSDL2RPG_WS_STUB_COMMON_TYPES 591118 5000200
000300+ * 600411 5000300
000400+ *===== 600411 5000400
000500+ * HTTP API 600411 5000500
000600+ *===== 600411 5000600
000700+D HTTP_API_DEFAULT_LOG_FILE... 600411 5000700
000800+D C '/tmp/httpapi_debug.txt' 600411 5000800
000900+ * 591118 5000900
001000+ *===== 591118 5001000
```

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Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
001100+ * WSDL2RPG: Public Type Definitions of Generated Web Service Stubs 591118 5001100
001200+ *=====* 591118 5001200
001300+ * 591208 5001300
001400+ * Messages: 591208 5001400
001500+ /COPY QWSDL2RPG,USR0030 Unexpected HTML data received from ... CPY 591208 5001500
*-----*
* RPG member name . . . . . : USR0030 * 6
* External name . . . . . : WSDL2RPG/QWSDL2RPG(USR0030) * 6
* Last change . . . . . : 09/18/13 08:21:15 * 6
* Text 'description' . . . . : MSG: Unexpected HTML data received from web servic * 6
*-----*
000001+ *----- 000000 6000001
000002+ * Datenstruktur för Message-ID : USR0030 000000 6000002
000003+ * 000000 6000003
000004+ * Unexpected HTML data received from web service. 000000 6000004
000005+ * 000000 6000005
000006+D USR0030 DS 000000 6000006
000007+D USR00301 0256A INZ(*BLANKS) 000000 6000007
000008+D USR0030_SIZE S 8B 0 INZ(0256) 000000 6000008
000009+ * 000000 6000009
001600+ /COPY QWSDL2RPG,USR0042 Unexpected element received from web ... CPY 601201 5001600
*-----*
* RPG member name . . . . . : USR0042 * 7
* External name . . . . . : WSDL2RPG/QWSDL2RPG(USR0042) * 7
* Last change . . . . . : 09/18/13 08:21:15 * 7
* Text 'description' . . . . : MSG: Unexpected Soap element received from web ser * 7
*-----*
000001+ *----- 000000 7000001
000002+ * Datenstruktur för Message-ID : USR0042 000000 7000002
000003+ * 000000 7000003
000004+ * Unexpected Soap element received from web service. 000000 7000004
000005+ * 000000 7000005
000006+D USR0042 DS 000000 7000006
000007+D USR00421 0040A INZ(*BLANKS) 000000 7000007
000008+D USR00422 0040A INZ(*BLANKS) 000000 7000008
000009+D USR0042_SIZE S 8B 0 INZ(0080) 000000 7000009
000010+ * 000000 7000010
001700+ /COPY QWSDL2RPG,USR0048 Failed to get login credentials. ... CPY 620118 5001700
*-----*
* RPG member name . . . . . : USR0048 * 8
* External name . . . . . : WSDL2RPG/QWSDL2RPG(USR0048) * 8
* Last change . . . . . : 09/18/13 08:21:15 * 8
* Text 'description' . . . . : MSG: Failed to get login credentials. Please custo * 8
*-----*
000001+ *----- 000000 8000001
000002+ * Datenstruktur för Message-ID : USR0048 000000 8000002
000003+ * 000000 8000003
000004+ * Failed to get login credentials. Please customize procedure 000000 8000004
000005+ * 000000 8000005
000006+D USR0048 DS 000000 8000006
000007+D USR00481 0256A INZ(*BLANKS) 000000 8000007
000008+D USR0048_SIZE S 8B 0 INZ(0256) 000000 8000008
000009+ * 000000 8000009
001800+ * 611011 5001800
001900+ * Character translation: 611011 5001900
002000+D wsdl_hTranscoder_t... 611011 5002000
```



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
002100+D	S	*			611011		5002100
002200+ *		based(pDummy)			600503		5002200
002300+ *	Dynamic arrays:				600503		5002300
002400+D	wsdl_hArray_t S	*			600503		5002400
002500+D	wsdl_arrayName_t...				600516		5002500
002600+D	S	128A varying			600516		5002600
002700+ *		based(pDummy)			591118		5002700
002800+ *	Web Service error message:				591118		5002800
002900+D	wsdl_errText_t...				591118		5002900
003000+D	S	128A varying			591118		5003000
003100+ *		based(pDummy)			591118		5003100
003200+ *	SOAP types:				591118		5003200
003300+D	wsdl_http_ErrorNo_t...				591118		5003300
003400+D	S	10I 0			591118		5003400
003500+ *		based(pDummy)			591118		5003500
003600+D	wsdl_http_ErrorText_t...				591118		5003600
003700+D	S	128A varying			591118		5003700
003800+ *		based(pDummy)			591118		5003800
003900+D	wsdl_soap_faultCode_t...				591118		5003900
004000+D	S	256A varying			591118		5004000
004100+ *		based(pDummy)			591118		5004100
004200+D	wsdl_soap_faultstring_t...				591118		5004200
004300+D	S	256A varying			591118		5004300
004400+ *		based(pDummy)			591125		5004400
004500+D	wsdl_soapAction_t...				591125		5004500
004600+D	S	510A varying			591125		5004600
004700+ *		based(pDummy)			591118		5004700
004800+ *	XML types:				591118		5004800
004900+D	wsdl_xml_ErrorNo_t...				591118		5004900
005000+D	S	10I 0			591118		5005000
005100+ *		based(pDummy)			591118		5005100
005200+D	wsdl_xml_ErrorText_t...				591118		5005200
005300+D	S	256A varying			591118		5005300
005400+D	wsdl_xml_line_t...				591118		5005400
005500+D	S	10I 0			591118		5005500
005600+D	wsdl_xml_column_t...				591118		5005600
005700+D	S	10I 0			591118		5005700
005800+ *		based(pDummy)			591118		5005800
005900+ *	Constants:				591118		5005900
006000+D	WSDL_HTTP_SUCCESS...				591118		5006000
006100+D	C	1			591118		5006100
006200+D	WSDL_HTTP_ERROR...				591118		5006200
006300+D	C	0			591118		5006300
006400+D	WSDL_HTTP_ERROR_UNEXPECTED...				591118		5006400
006500+D	C	-1			591118		5006500
006600+D	WSDL_HTTP_ERROR_SOAP...				130422		5006600
006700+D	C	-2			130422		5006700
006800+D	WSDL_HTTP_ERROR_UNKNOWN...				130422		5006800
006900+D	C	-3			130422		5006900
007000+ *					591118		5007000
007100+D	WSDL_SUCCESS...				591118		5007100
007200+D	C	1			591118		5007200
007300+D	WSDL_ERROR...				591118		5007300
007400+D	C	0			591118		5007400
007500+ *					620925		5007500
007600+ *	The value of WSDL_AUTH_NTLM must match the				620925		5007600

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
007700+	* value of HTTP_AUTH_NTLM. WSDL_AUTH_NTLM has			620925		5007700	
007800+	* beend defined to compile the stub with			620925		5007800	
007900+	* with the original and unpatched HTTPAPI			620925		5007900	
008000+	* service program.			620925		5008000	
008100+	D WSDL_AUTH_NTLM...			620925		5008100	
008200+	C '3'			620925		5008200	
008300+	*			591118		5008300	
008400+	D WSDL_AUTH_TYPE_HTTP...			591118		5008400	
008500+	C '*HTTP'			591118		5008500	
008600+	D WSDL_AUTH_TYPE_PROXY...			591118		5008600	
008700+	C '*PROXY'			591118		5008700	
008800+	*			591118		5008800	
008900+	* HTTP header:			591118		5008900	
009000+	D cHTTP_HEADER_CONTENT_TYPE...			591118		5009000	
009100+	C 'Content-Type'			591118		5009100	
009200+	D cHTTP_HEADER_SOAP_ACTION...			591118		5009200	
009300+	C 'SOAPAction'			591118		5009300	
009400+	*			620201		5009400	
009500+	D wsdl_userAgent_t...			620201		5009500	
009600+	S 256A varying based(pDummy)			620201		5009600	
009700+	*			610928		5009700	
009800+	D wsdl_proxy_t...			610928		5009800	
009900+	DS qualified based(pDummy)			610928		5009900	
010000+	D server 256A			610928		5010000	
010100+	D port 10I 0			610928		5010100	
010200+	*			610928		5010200	
010300+	D wsdl_httpDebug_t...			610928		5010300	
010400+	DS qualified based(pDummy)			610928		5010400	
010500+	D status N			610928		5010500	
010600+	D fileName 500A varying			610928		5010600	
010700+	*			591215		5010700	
010800+	D wsdl_fullElementData_t...			591216		5010800	
010900+	DS qualified based(pDummy)			591215		5010900	
011000+	D pData *			591216		5011000	
011100+	D size 10I 0			591216		5011100	
011200+	*			591118		5011200	
011300+	D headers_t...			591118		5011300	
011400+	DS qualified based(pDummy)			591118		5011400	
011500+	D contentType like(wsdl_contentType_t)			591118		5011500	
011600+	D soapAction like(wsdl_soapAction_t )			591118		5011600	
011700+	*			591118		5011700	
011800+	* SOAP types:			591118		5011800	
011900+	D wsdl_errors_t...			591118		5011900	
012000+	DS qualified based(pDummy)			591118		5012000	
012100+	D errType 10I 0			591118		5012100	
012200+	D httpError likeds(wsdl_httpError_t )			591118		5012200	
012300+	D soapFault likeds(wsdl_soapFault_t )			591118		5012300	
012400+	D xmlError likeds(wsdl_xmlError_t )			591118		5012400	
012500+	*			591118		5012500	
012600+	D wsdl_httpError_t...			591118		5012600	
012700+	DS qualified based(pDummy)			591118		5012700	
012800+	D no like(wsdl_http_ErrorNo_t )			591118		5012800	
012900+	D text like(wsdl_http_ErrorText_t )			591118		5012900	
013000+	*			591118		5013000	
013100+	D wsdl_soapFault_t...			591118		5013100	
013200+	DS qualified based(pDummy)			591118		5013200	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
013300+D	code	like(wsdl_soap_faultcode_t )			591118		5013300
013400+D	string	like(wsdl_soap_faultstring_t )			591118		5013400
013500+D	detail	likeds(wsdl_soap_faultDetail_t)			591118		5013500
013600+ *					591118		5013600
013700+D	wsdl_soap_faultDetail_t...				591118		5013700
013800+D	DS	qualified			591118		5013800
013900+D	hostname	256A varying			591118		5013900
014000+ *					591118		5014000
014100+D	wsdl_xmlError_t...				591118		5014100
014200+D	DS	qualified			591118		5014200
014300+D	code	like(wsdl_xml_ErrorNo_t )			591118		5014300
014400+D	text	like(wsdl_xml_ErrorText_t )			591118		5014400
014500+D	line	like(wsdl_xml_line_t )			591118		5014500
014600+D	column	like(wsdl_xml_column_t )			591118		5014600
014700+ *					591118		5014700
014800+ *	Attachment ID as specified in an attachment part of a MIME message				591118		5014800
014900+D	wsdl_attachmentID_t...				591118		5014900
015000+D	S	254A varying			591118		5015000
015100+ *					591118		5015100
015200+ *	Holds the content type of a ManagedMemoryDataSource or AttachmentPart.				591118		5015200
015300+D	wsdl_contentType_t...				591118		5015300
015400+D	S	1024A varying			591118		5015400
015500+ *					591118		5015500
015600+ *	Path name of a IFS stream file.				591118		5015600
015700+D	wsdl_path_t...				591118		5015700
015800+D	S	254A varying			591118		5015800
015900+D	wsdl_pathLong_t...				610930		5015900
016000+D	S	1024A varying			610930		5016000
016100+ *					591019		5016100
016200+ *	Attachment				591019		5016200
016300+D	wsdl_attachment_t...				591019		5016300
016400+D	DS	qualified			591019		5016400
016500+D	ID	like(wsdl_attachmentID_t )			591019		5016500
016600+D	fileName	like(wsdl_path_t )			591019		5016600
016700+ *					591118		5016700
016800+ *	General purpose UUID				591118		5016800
016900+D	wsdl_uuid_t...				591118		5016900
017000+D	S	32A			591118		5017000
017100+ *					610930		5017100
017200+ *	Name of the web service port				610930		5017200
017300+D	wsdl_portName_t...				610930		5017300
017400+D	S	512A varying			610930		5017400
017500+ *					620118		5017500
017600+ *	Name of the web service operation				620118		5017600
017700+D	wsdl_operName_t...				620118		5017700
017800+D	S	512A varying			620118		5017800
017900+ *					600412		5017900
018000+ *	Marshaller/Unmarshaller constants				600412		5018000
018100+D	WSDL_LOCAL_TIMEZONE...				600412		5018100
018200+D	C	'*LOCAL'			600412		5018200
018300+ *					600528		5018300
018400+ *	Structure to hold a qualified job name				600528		5018400
018500+D	wsdl_qJob_t DS	qualified			600528		5018500
018600+D	name	10A			600528		5018600
018700+D	user	10A			600528		5018700
018800+D	nbr	6A			600528		5018800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
018900+ *					591118		5018900
019000+ *	Marshall/Unmarshall data types				591118		5019000
019100+D	wsdl_decimal_t...				591118		5019100
019200+D	S 31S15	based(pDummy)			591118		5019200
019300+D	wsdl_double_t...				591118		5019300
019400+D	S like(wsdl_decimal_t )	based(pDummy)			591118		5019400
019500+ *					591118		5019500
019600+D	wsdl_duration_t...				591118		5019600
019700+D	DS qualified	based(pDummy)			591118		5019700
019800+D	isNegative N				591118		5019800
019900+D	years 10I 0				591118		5019900
020000+D	months 10I 0				591118		5020000
020100+D	days 10I 0				591118		5020100
020200+D	hours 10I 0				591118		5020200
020300+D	minutes 10I 0				591118		5020300
020400+D	seconds 10I 0				591118		5020400
020500+ *					591118		5020500
020600+D	wsdl_float_t...				591118		5020600
020700+D	S like(wsdl_decimal_t )	based(pDummy)			591118		5020700
020800+D	wsdl_int_t...				591118		5020800
020900+D	S 10I 0	based(pDummy)			591118		5020900
021000+D	wsdl_integer_t...				591118		5021000
021100+D	S 20I 0	based(pDummy)			591118		5021100
021200+D	wsdl_long_t...				591118		5021200
021300+D	S 20I 0	based(pDummy)			591118		5021300
021400+D	wsdl_negInt_t...				591118		5021400
021500+D	S 10I 0	based(pDummy)			591118		5021500
021600+D	wsdl_nonNegInt_t...				591118		5021600
021700+D	S 10I 0	based(pDummy)			591118		5021700
021800+D	wsdl_nonPosInt_t...				591118		5021800
021900+D	S 10I 0	based(pDummy)			591118		5021900
022000+D	wsdl_posInt_t...				591118		5022000
022100+D	S 10I 0	based(pDummy)			591118		5022100
022200+D	wsdl_short_t...				591118		5022200
022300+D	S 5I 0	based(pDummy)			591118		5022300
022400+D	wsdl_byte_t...				600831		5022400
022500+D	S 3I 0	based(pDummy)			600831		5022500
022600+D	wsdl_uInt_t...				591118		5022600
022700+D	S 10U 0	based(pDummy)			591118		5022700
022800+D	wsdl_uLong_t...				591118		5022800
022900+D	S 20U 0	based(pDummy)			591118		5022900
023000+D	wsdl_uShort_t...				591118		5023000
023100+D	S 5U 0	based(pDummy)			591118		5023100
023200+D	wsdl_uByte_t...				600831		5023200
023300+D	S 3U 0	based(pDummy)			600831		5023300
023400+ *					600605		5023400
023500+D	wsdl_gDay_t...				600605		5023500
023600+D	S 10I 0	based(pDummy)			600605		5023600
023700+D	wsdl_gMonth_t...				600605		5023700
023800+D	S 10I 0	based(pDummy)			600605		5023800
023900+D	wsdl_gMonthDay_t...				600605		5023900
024000+D	S 10I 0	based(pDummy)			600605		5024000
024100+D	wsdl_gYear_t...				600605		5024100
024200+D	S 10I 0	based(pDummy)			600605		5024200
024300+D	wsdl_gYearMonth_t...				600605		5024300
024400+D	S 10I 0	based(pDummy)			600605		5024400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
024500+	*				571110		5024500
024600+	/ENDIF				571106		5024600
000088+	*				000000		4000088
000089+	/DEFINE PROTOTYPE_WS0001				000000		4000089
000090+	/COPY ROBINK/QWEBSRV,WS0001	Web Service: Web Service Proc			000000	CPY	4000090
	-----*						
	* RPG member name . . . . .	WS0001					9
	* External name . . . . .	ROBINK/QWEBSRV(WS0001)					9
	* Last change . . . . .	07/10/14 12:04:49					9
	* Text 'description' . . . . .	Web Service: POSX_ServiceSoap					9
	-----*						
000100+	/IF NOT DEFINED(PROTOTYPE_WS0001)				000000		9000100
	LINES EXCLUDED: 46						
004800+	/ENDIF				000000		9004800
004900+	/IF NOT DEFINED(PROTOTYPE_DEFINED_WS0001)				000000		9004900
005000+	/DEFINE PROTOTYPE_DEFINED_WS0001				000000		9005000
005100+	*				000000		9005100
005200+	* Type definitions				000000		9005200
005300+	/COPY QWSDL2RPG,TYPES_H				000000	CPY	9005300
	-----*						
	* RPG member name . . . . .	TYPES_H					10
	* External name . . . . .	WSDL2RPG/QWSDL2RPG(TYPES_H)					10
	* Last change . . . . .	09/18/13 08:21:14					10
	* Text 'description' . . . . .	Type definitions (public)					10
	-----*						
000100+	/IF NOT DEFINED(WSDL2RPG_WS_STUB_COMMON_TYPES)				591118		10000100
	LINES EXCLUDED: 244						
024600+	/ENDIF				571106		10024600
005400+	/COPY QWSDL2RPG,PWSDL2R88	WSDL2RPG: Public Helper Procedures			000000	CPY	9005400
	-----*						
	* RPG member name . . . . .	PWSDL2R88					11
	* External name . . . . .	WSDL2RPG/QWSDL2RPG(PWSDL2R88)					11
	* Last change . . . . .	09/18/13 08:21:13					11
	* Text 'description' . . . . .	WSDL2RPG: Public Helper Procedures (Prototype)					11
	-----*						
000100+	/IF NOT DEFINED(PWSDL2R88)				600525		11000100
000200+	/DEFINE PWSDL2R88				600525		11000200
000300+	*				571108		11000300
000400+	/COPY QWSDL2RPG,TYPES_H				591118	CPY	11000400
	-----*						
	* RPG member name . . . . .	TYPES_H					12
	* External name . . . . .	WSDL2RPG/QWSDL2RPG(TYPES_H)					12
	* Last change . . . . .	09/18/13 08:21:14					12
	* Text 'description' . . . . .	Type definitions (public)					12
	-----*						
000100+	/IF NOT DEFINED(WSDL2RPG_WS_STUB_COMMON_TYPES)				591118		12000100
	LINES EXCLUDED: 244						
024600+	/ENDIF				571106		12024600
000500+	/COPY QLOG4RPG,PLOG4RPG	Log4rpg: The Log4rpg service program			611003	CPY	11000500
	-----*						
	* RPG member name . . . . .	PLOG4RPG					13
	* External name . . . . .	WSDL2RPG/QLOG4RPG(PLOG4RPG)					13
	* Last change . . . . .	07/10/14 10:43:30					13
	* Text 'description' . . . . .	SrvPgm: LOG4RPG - Type Definitions public					13
	-----*						
000100+	/IF NOT DEFINED(PLOG4RPG)				000000		13000100
		RADDAT					

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
000200+	/DEFINE PLOG4RPG	RADDAT			000000		13000200
000300+	*	RADDAT			000000		13000300
000400+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT			000000		13000400
000500+	* -----	RADDAT			000000		13000500
000600+	* Prototypes	RADDAT			000000		13000600
000700+	* -----	RADDAT			000000		13000700
000800+	/COPY QLOG4RPG,FDMSG	RADDAT		CPY	000000		13000800
	* -----						
	* RPG member name . . . . . : FDMSG	*					14
	* External name . . . . . : WSDL2RPG/QLOG4RPG(FDMSG)	*					14
	* Last change . . . . . : 07/10/14 10:43:29	*					14
	* Text 'description' . . . . . : cpybk : Message	*					14
	* -----						
000100+	/IF NOT DEFINED(msg_t )	RADDAT			000000		14000100
000200+	/DEFINE msg_t	RADDAT			000000		14000200
000300+	* ===== *	RADDAT			000000		14000300
000400+	* Message structure *	RADDAT			000000		14000400
000500+	* ===== *	RADDAT			000000		14000500
000600+	*	RADDAT			000000		14000600
000700+	D msg_t DS qualified based(pDummy)	RADDAT			000000		14000700
000800+	/if defined(*V5R3M0)	RADDAT			000000		14000800
000900+	D ID likeds(msgID_t)	RADDAT			000000		14000900
001000+	/else	RADDAT			000000		14001000
	LINES EXCLUDED: 1						
001200+	/endif	RADDAT			000000		14001200
001300+	D data 512A	RADDAT			000000		14001300
001400+	D type 10A	RADDAT			000000		14001400
001500+	D file 10A	RADDAT			000000		14001500
001600+	D lib 10A	RADDAT			000000		14001600
001700+	*	RADDAT			000000		14001700
001800+	/if defined(*V5R3M0)	RADDAT			000000		14001800
001900+	D msgID_t DS qualified based(pDummy)	RADDAT			000000		14001900
002000+	D prefix 3A	RADDAT			000000		14002000
002100+	D nbr 4S 0	RADDAT			000000		14002100
002200+	/endif	RADDAT			000000		14002200
002300+	*	RADDAT			000000		14002300
002400+	/ENDIF	RADDAT			000000		14002400
000900+	*	RADDAT			000000		13000900
001000+	* -----	RADDAT			000000		13001000
001100+	* Type Definitions	RADDAT			000000		13001100
001200+	* -----	RADDAT			000000		13001200
001300+	D LOG4RPG_text_t...	RADDAT			000000		13001300
001400+	D S 2048A varying based(pDummy)	RADDAT			000000		13001400
001500+	*	RADDAT			000000		13001500
001600+	D LOG4RPG_msg_t...	RADDAT			000000		13001600
001700+	D DS likeds(msg_t ) based(pDummy)	RADDAT			000000		13001700
001800+	*	RADDAT			000000		13001800
001900+	D LOG4RPG_header_t...	RADDAT			000000		13001900
002000+	D S 4096A varying based(pDummy)	RADDAT			000000		13002000
002100+	*	RADDAT			000000		13002100
002200+	D LOG4RPG_footer_t...	RADDAT			000000		13002200
002300+	D S like(LOG4RPG_header_t)	RADDAT			000000		13002300
002400+	D based(pDummy)	RADDAT			000000		13002400
002500+	*	RADDAT			000000		13002500
002600+	D LOG4RPG_formattedText_t...	RADDAT			000000		13002600
002700+	D S 4096A varying based(pDummy)	RADDAT			000000		13002700

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
002800+ *					000000		13002800
002900+D cLOG4RPG_MAX_TEXT_LENGTH...					000000		13002900
003000+D C	const(4096)				000000		13003000
003100+ *					000000		13003100
003200+D LOG4RPG_level_t...					000000		13003200
003300+D S	10A varying	based(pDummy)			000000		13003300
003400+D LOG4RPG_priority_t...					000000		13003400
003500+D S	10I 0	based(pDummy)			000000		13003500
003600+D LOG4RPG_hLogger_t...					000000		13003600
003700+D S	*	based(pDummy)			000000		13003700
003800+D LOG4RPG_loggerName_t...					000000		13003800
003900+D S	128A varying	based(pDummy)			000000		13003900
004000+D LOG4RPG_debugMode_t...					000000		13004000
004100+D S	10A varying	based(pDummy)			000000		13004100
004200+D LOG4RPG_debugOutput_t...					000000		13004200
004300+D S	10A varying	based(pDummy)			000000		13004300
004400+D LOG4RPG_path_t...					000000		13004400
004500+D S	256A varying	based(pDummy)			000000		13004500
004600+D LOG4RPG_implClass_t...					000000		13004600
004700+D S	128A varying	based(pDummy)			000000		13004700
004800+ *					000000		13004800
004900+D LOG4RPG_pAppender_t...					000000		13004900
005000+D S	*	based(pDummy)			000000		13005000
005100+D LOG4RPG_appenderName_t...					000000		13005100
005200+D S	32A varying	based(pDummy)			000000		13005200
005300+D LOG4RPG_pFilter_t...					000000		13005300
005400+D S	*	based(pDummy)			000000		13005400
005500+D LOG4RPG_filterName_t...					000000		13005500
005600+D S	32A varying	based(pDummy)			000000		13005600
005700+D LOG4RPG_pLayout_t...					000000		13005700
005800+D S	*	based(pDummy)			000000		13005800
005900+ *					000000		13005900
006000+ *	-----				000000		13006000
006100+ *	Constants				000000		13006100
006200+ *	-----				000000		13006200
006300+ *					000000		13006300
006400+ *	Special value *SEARCH for the library name when loading properties from				000000		13006400
006500+ *	a physical file member. When *SEARCH is specified as the library name,				000000		13006500
006600+ *	all files in the library list that matches the specified file name are				000000		13006600
006700+ *	searched for the member. The first member that is found is used to load				000000		13006700
006800+ *	the configuration data.				000000		13006800
006900+D cLOG4RPG_LIB_SEARCH...					000000		13006900
007000+D C	const('*SEARCH')				000000		13007000
007100+ *					000000		13007100
007200+ *	Default time to wait (in minutes) to check the properties file for changes.				000000		13007200
007300+D cLOG4RPG_CONFIGURATION_DEFAULT_RELOAD_DELAY...					000000		13007300
007400+D C	const(1)				000000		13007400
007500+D cLOG4RPG_CONFIGURATION_DEFAULT_RELOAD_DELAY_UNIT...					000000		13007500
007600+D C	const('*MINUTES')				000000		13007600
007700+ *					000000		13007700
007800+ *	Debug Level: log4rpg.loggerName=				000000		13007800
007900+D cLOG4RPG_LEVEL_DEBUG...					000000		13007900
008000+D C	const('DEBUG')				000000		13008000
008100+D cLOG4RPG_LEVEL_INFO...					000000		13008100
008200+D C	const('INFO')				000000		13008200
008300+D cLOG4RPG_LEVEL_WARN...					000000		13008300

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
008400+D	C	const('WARN')			000000		13008400
008500+D	cLOG4RPG_LEVEL_ERROR...				000000		13008500
008600+D	C	const('ERROR')			000000		13008600
008700+D	cLOG4RPG_LEVEL_FATAL...				000000		13008700
008800+D	C	const('FATAL')			000000		13008800
008900+ *					000000		13008900
009000+ *	Debug mode:	log4rpg.debug=			000000		13009000
009100+D	cLOG4RPG_DEBUG_QUIET...				000000		13009100
009200+D	C	const('quiet')			000000		13009200
009300+D	cLOG4RPG_DEBUG_OFF...				000000		13009300
009400+D	C	const('off')			000000		13009400
009500+D	cLOG4RPG_DEBUG_ON...				000000		13009500
009600+D	C	const('on')			000000		13009600
009700+D	cLOG4RPG_DEBUG_VERBOSE...				000000		13009700
009800+D	C	const('verbose')			000000		13009800
009900+ *					000000		13009900
010000+ *	Debug output:	log4rpg.debug=			000000		13010000
010100+D	cLOG4RPG_DEBUG_OUTPUT_PRINTER...				000000		13010100
010200+D	C	const('printer')			000000		13010200
010300+D	cLOG4RPG_DEBUG_OUTPUT_STDOUT...				000000		13010300
010400+D	C	const('stdout')			000000		13010400
010500+ *					000000		13010500
010600+ *	Boolean values				000000		13010600
010700+ /IF NOT DEFINED(cTrue)					000000		13010700
010800+ /DEFINE cTrue					000000		13010800
010900+D cTrue	C	const(*on)			000000		13010900
011000+ /ENDIF					000000		13011000
011100+ *					000000		13011100
011200+ /IF NOT DEFINED(cFalse)					000000		13011200
011300+ /DEFINE cFalse					000000		13011300
011400+D cFalse	C	const(*off)			000000		13011400
011500+ /ENDIF					000000		13011500
011600+ *					000000		13011600
011700+ /ENDIF					000000		13011700
011800+ *					000000		13011800
011900+ *	-----				000000		13011900
012000+ *	Logger:				000000		13012000
012100+ *	-----				000000		13012100
012200+ *					000000		13012200
012300+ *	Enables / Disables LOG4RPG.				000000		13012300
012400+ /IF NOT DEFINED(LOGGER_STUB)					000000		13012400
012500+D Logger_setLogging...					000000		13012500
012600+D	PR	N			000000		13012600
012700+D		extproc('LOG4RPG01+			000000		13012700
012800+D		_Logger_setLogging+			000000		13012800
012900+D		')			000000		13012900
013000+ /ELSE					000000		13013000
	LINES EXCLUDED: 5						
013600+ /ENDIF					000000		13013600
013700+D i_isLogging		N const			000000		13013700
013800+ *					000000		13013800
013900+ *	Returns whether logging is enabled or not.				000000		13013900
014000+ /IF NOT DEFINED(LOGGER_STUB)					000000		13014000
014100+D Logger_isLogging...					000000		13014100
014200+D	PR	N			000000		13014200
014300+D		extproc('LOG4RPG01+			000000		13014300



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10		Num	Line	Date	Id	Number
014400+D	_Logger_isLogging+				000000		13014400
014500+D	')				000000		13014500
014600+ /ELSE					000000		13014600
LINES EXCLUDED: 5							
015200+ /ENDIF					000000		13015200
015300+ *					000000		13015300
015400+ *	Returns the root logger.				000000		13015400
015500+ /IF NOT DEFINED(LOGGER_STUB)					000000		13015500
015600+D	Logger_getRootLogger...				000000		13015600
015700+D	PR	like(LOG4RPG_hLogger_t )			000000		13015700
015800+D		extproc('LOG4RPG01+			000000		13015800
015900+D	_Logger_getRootLogger+				000000		13015900
016000+D	')				000000		13016000
016100+ /ELSE					000000		13016100
LINES EXCLUDED: 5							
016700+ /ENDIF					000000		13016700
016800+ *					000000		13016800
016900+ *	Returns a new logger named as the specified name.				000000		13016900
017000+ /IF NOT DEFINED(LOGGER_STUB)					000000		13017000
017100+D	Logger_getLogger...				000000		13017100
017200+D	PR	like(LOG4RPG_hLogger_t )			000000		13017200
017300+D		extproc('LOG4RPG01+			000000		13017300
017400+D	_Logger_getLogger+				000000		13017400
017500+D	')				000000		13017500
017600+ /ELSE					000000		13017600
LINES EXCLUDED: 5							
018200+ /ENDIF					000000		13018200
018300+D	i_logName	const like(LOG4RPG_loggerName_t)			000000		13018300
018400+ *					000000		13018400
018500+ *	Logs a DEBUG statement.				000000		13018500
018600+ /IF NOT DEFINED(LOGGER_STUB)					000000		13018600
018700+D	Logger_debug...				000000		13018700
018800+D	PR				000000		13018800
018900+D		extproc('LOG4RPG01+			000000		13018900
019000+D	_Logger_debug+				000000		13019000
019100+D	')				000000		13019100
019200+ /ELSE					000000		13019200
LINES EXCLUDED: 5							
019800+ /ENDIF					000000		13019800
019900+D	i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13019900
020000+D	i_text	const like(LOG4RPG_text_t )			000000		13020000
020100+ *					000000		13020100
020200+ *	Logs a DEBUG message.				000000		13020200
020300+ /IF NOT DEFINED(LOGGER_STUB)					000000		13020300
020400+D	Logger_debugMsg...				000000		13020400
020500+D	PR				000000		13020500
020600+D		extproc('LOG4RPG01+			000000		13020600
020700+D	_Logger_debugMsg+				000000		13020700
020800+D	')				000000		13020800
020900+ /ELSE					000000		13020900
LINES EXCLUDED: 5							
021500+ /ENDIF					000000		13021500
021600+D	i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13021600
021700+D	i_msg	const likeds(LOG4RPG_msg_t )			000000		13021700
021800+ *					000000		13021800
021900+ *	Logs an INFO statement.				000000		13021900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
022000+	/IF NOT DEFINED(LOGGER_STUB)				000000		13022000
022100+	D Logger_info...				000000		13022100
022200+	D PR				000000		13022200
022300+	D extproc('LOG4RPG01+				000000		13022300
022400+	D _Logger_info+				000000		13022400
022500+	D ')				000000		13022500
022600+	/ELSE				000000		13022600
	LINES EXCLUDED: 5						
023200+	/ENDIF				000000		13023200
023300+	D i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13023300
023400+	D i_text	const like(LOG4RPG_text_t )			000000		13023400
023500+	*				000000		13023500
023600+	* Logs an INFO message.				000000		13023600
023700+	/IF NOT DEFINED(LOGGER_STUB)				000000		13023700
023800+	D Logger_infoMsg...				000000		13023800
023900+	D PR				000000		13023900
024000+	D extproc('LOG4RPG01+				000000		13024000
024100+	D _Logger_infoMsg+				000000		13024100
024200+	D ')				000000		13024200
024300+	/ELSE				000000		13024300
	LINES EXCLUDED: 5						
024900+	/ENDIF				000000		13024900
025000+	D i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13025000
025100+	D i_msg	const likeds(LOG4RPG_msg_t )			000000		13025100
025200+	*				000000		13025200
025300+	* Logs a WARN statement.				000000		13025300
025400+	/IF NOT DEFINED(LOGGER_STUB)				000000		13025400
025500+	D Logger_warn...				000000		13025500
025600+	D PR				000000		13025600
025700+	D extproc('LOG4RPG01+				000000		13025700
025800+	D _Logger_warn+				000000		13025800
025900+	D ')				000000		13025900
026000+	/ELSE				000000		13026000
	LINES EXCLUDED: 5						
026600+	/ENDIF				000000		13026600
026700+	D i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13026700
026800+	D i_text	const like(LOG4RPG_text_t )			000000		13026800
026900+	*				000000		13026900
027000+	* Logs a WARN message.				000000		13027000
027100+	/IF NOT DEFINED(LOGGER_STUB)				000000		13027100
027200+	D Logger_warnMsg...				000000		13027200
027300+	D PR				000000		13027300
027400+	D extproc('LOG4RPG01+				000000		13027400
027500+	D _Logger_warnMsg+				000000		13027500
027600+	D ')				000000		13027600
027700+	/ELSE				000000		13027700
	LINES EXCLUDED: 5						
028300+	/ENDIF				000000		13028300
028400+	D i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13028400
028500+	D i_msg	const likeds(LOG4RPG_msg_t )			000000		13028500
028600+	*				000000		13028600
028700+	* Logs an ERROR statement.				000000		13028700
028800+	/IF NOT DEFINED(LOGGER_STUB)				000000		13028800
028900+	D Logger_error...				000000		13028900
029000+	D PR				000000		13029000
029100+	D extproc('LOG4RPG01+				000000		13029100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
029200+D	_Logger_error+				000000		13029200
029300+D	)				000000		13029300
029400+ /ELSE					000000		13029400
LINES EXCLUDED: 5							
030000+ /ENDIF					000000		13030000
030100+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13030100
030200+D i_text	const like(LOG4RPG_text_t )				000000		13030200
030300+ *					000000		13030300
030400+ * Logs an ERROR message.					000000		13030400
030500+ /IF NOT DEFINED(LOGGER_STUB)					000000		13030500
030600+D Logger_errorMsg...					000000		13030600
030700+D PR					000000		13030700
030800+D	extproc('LOG4RPG01+				000000		13030800
030900+D	_Logger_errorMsg+				000000		13030900
031000+D	)				000000		13031000
031100+ /ELSE					000000		13031100
LINES EXCLUDED: 5							
031700+ /ENDIF					000000		13031700
031800+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13031800
031900+D i_msg	const likeds(LOG4RPG_msg_t )				000000		13031900
032000+ *					000000		13032000
032100+ * Logs a FATAL error statement.					000000		13032100
032200+ /IF NOT DEFINED(LOGGER_STUB)					000000		13032200
032300+D Logger_fatal...					000000		13032300
032400+D PR					000000		13032400
032500+D	extproc('LOG4RPG01+				000000		13032500
032600+D	_Logger_fatal+				000000		13032600
032700+D	)				000000		13032700
032800+ /ELSE					000000		13032800
LINES EXCLUDED: 5							
033400+ /ENDIF					000000		13033400
033500+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13033500
033600+D i_text	const like(LOG4RPG_text_t )				000000		13033600
033700+ *					000000		13033700
033800+ * Logs a FATAL error message.					000000		13033800
033900+ /IF NOT DEFINED(LOGGER_STUB)					000000		13033900
034000+D Logger_fatalMsg...					000000		13034000
034100+D PR					000000		13034100
034200+D	extproc('LOG4RPG01+				000000		13034200
034300+D	_Logger_fatalMsg+				000000		13034300
034400+D	)				000000		13034400
034500+ /ELSE					000000		13034500
LINES EXCLUDED: 5							
035100+ /ENDIF					000000		13035100
035200+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13035200
035300+D i_msg	const likeds(LOG4RPG_msg_t )				000000		13035300
035400+ *					000000		13035400
035500+ * Logs the specified statement without further checking.					000000		13035500
035600+ /IF NOT DEFINED(LOGGER_STUB)					000000		13035600
035700+D Logger_forcedLog...					000000		13035700
035800+D PR					000000		13035800
035900+D	extproc('LOG4RPG01+				000000		13035900
036000+D	_Logger_forcedLog+				000000		13036000
036100+D	)				000000		13036100
036200+ /ELSE					000000		13036200
LINES EXCLUDED: 5							

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
036800+ /ENDIF					000000		13036800
036900+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13036900
037000+D i_level	const like(LOG4RPG_level_t )				000000		13037000
037100+D i_text	const like(LOG4RPG_text_t )				000000		13037100
037200+ *					000000		13037200
037300+ *	Logs the specified message without further checking.				000000		13037300
037400+ /IF NOT DEFINED(LOGGER_STUB)					000000		13037400
037500+D Logger_forcedLogMsg...					000000		13037500
037600+D PR					000000		13037600
037700+D	extproc('LOG4RPG01+				000000		13037700
037800+D	_Logger_forcedLogMsg+				000000		13037800
037900+D	')				000000		13037900
038000+ /ELSE					000000		13038000
LINES EXCLUDED: 5							
038600+ /ENDIF					000000		13038600
038700+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13038700
038800+D i_level	const like(LOG4RPG_level_t )				000000		13038800
038900+D i_msg	const likeds(LOG4RPG_msg_t )				000000		13038900
039000+ *					000000		13039000
039100+ *	Returns cTrue if 'DEBUG' log events are logged.				000000		13039100
039200+ /IF NOT DEFINED(LOGGER_STUB)					000000		13039200
039300+D Logger_isDebugEnabled...					000000		13039300
039400+D PR	N				000000		13039400
039500+D	extproc('LOG4RPG01+				000000		13039500
039600+D	_Logger_isDebugEnabled+				000000		13039600
039700+D	')				000000		13039700
039800+ /ELSE					000000		13039800
LINES EXCLUDED: 5							
040400+ /ENDIF					000000		13040400
040500+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13040500
040600+ *					000000		13040600
040700+ *	Returns cTrue if 'INFO' log events are logged.				000000		13040700
040800+ *	(Including DEBUG log events)				000000		13040800
040900+ /IF NOT DEFINED(LOGGER_STUB)					000000		13040900
041000+D Logger_isInfoEnabled...					000000		13041000
041100+D PR	N				000000		13041100
041200+D	extproc('LOG4RPG01+				000000		13041200
041300+D	_Logger_isInfoEnabled+				000000		13041300
041400+D	')				000000		13041400
041500+ /ELSE					000000		13041500
LINES EXCLUDED: 5							
042100+ /ENDIF					000000		13042100
042200+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13042200
042300+ *					000000		13042300
042400+ *	Returns cTrue if 'WARN' log events are logged.				000000		13042400
042500+ *	(Including INFO and DEBUG log events)				000000		13042500
042600+ /IF NOT DEFINED(LOGGER_STUB)					000000		13042600
042700+D Logger_isWarnEnabled...					000000		13042700
042800+D PR	N				000000		13042800
042900+D	extproc('LOG4RPG01+				000000		13042900
043000+D	_Logger_isWarnEnabled+				000000		13043000
043100+D	')				000000		13043100
043200+ /ELSE					000000		13043200
LINES EXCLUDED: 5							
043800+ /ENDIF					000000		13043800
043900+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13043900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	Num	Line	Date	Id	Number	
044000+ *		RADDAT		000000		13044000	
044100+ *	Returns cTrue if 'ERROR' log events are logged.	RADDAT		000000		13044100	
044200+ *	(Including WARN, INFO and DEBUG log events)	RADDAT		000000		13044200	
044300+ /IF NOT DEFINED(LOGGER_STUB)		RADDAT		000000		13044300	
044400+D Logger_isErrorEnabled...		RADDAT		000000		13044400	
044500+D PR N		RADDAT		000000		13044500	
044600+D	extproc('LOG4RPG01+	RADDAT		000000		13044600	
044700+D	_Logger_isErrorEnabled+	RADDAT		000000		13044700	
044800+D	')	RADDAT		000000		13044800	
044900+ /ELSE		RADDAT		000000		13044900	
LINES EXCLUDED: 5							
045500+ /ENDIF		RADDAT		000000		13045500	
045600+D i_hLogger	const like(LOG4RPG_hLogger_t )	RADDAT		000000		13045600	
045700+ *		RADDAT		000000		13045700	
045800+ *	Returns cTrue if 'FATAL' log events are logged.	RADDAT		000000		13045800	
045900+ *	(Including ERROR, WARN, INFO and DEBUG log events)	RADDAT		000000		13045900	
046000+ /IF NOT DEFINED(LOGGER_STUB)		RADDAT		000000		13046000	
046100+D Logger_isFatalEnabled...		RADDAT		000000		13046100	
046200+D PR N		RADDAT		000000		13046200	
046300+D	extproc('LOG4RPG01+	RADDAT		000000		13046300	
046400+D	_Logger_isFatalEnabled+	RADDAT		000000		13046400	
046500+D	')	RADDAT		000000		13046500	
046600+ /ELSE		RADDAT		000000		13046600	
LINES EXCLUDED: 5							
047200+ /ENDIF		RADDAT		000000		13047200	
047300+D i_hLogger	const like(LOG4RPG_hLogger_t )	RADDAT		000000		13047300	
047400+ *		RADDAT		000000		13047400	
047500+ *	Returns the name of the specified logger.	RADDAT		000000		13047500	
047600+ /IF NOT DEFINED(LOGGER_STUB)		RADDAT		000000		13047600	
047700+D Logger_getName...		RADDAT		000000		13047700	
047800+D PR	like(LOG4RPG_loggerName_t)	RADDAT		000000		13047800	
047900+D	extproc('LOG4RPG01+	RADDAT		000000		13047900	
048000+D	_Logger_getName+	RADDAT		000000		13048000	
048100+D	')	RADDAT		000000		13048100	
048200+ /ELSE		RADDAT		000000		13048200	
LINES EXCLUDED: 5							
048800+ /ENDIF		RADDAT		000000		13048800	
048900+D i_hLogger	const like(LOG4RPG_hLogger_t )	RADDAT		000000		13048900	
049000+ *		RADDAT		000000		13049000	
049100+ *	Test the specified logger handle for a NULL value.	RADDAT		000000		13049100	
049200+ /IF NOT DEFINED(LOGGER_STUB)		RADDAT		000000		13049200	
049300+D Logger_isNull...		RADDAT		000000		13049300	
049400+D PR N		RADDAT		000000		13049400	
049500+D	extproc('LOG4RPG01+	RADDAT		000000		13049500	
049600+D	_Logger_isNull+	RADDAT		000000		13049600	
049700+D	')	RADDAT		000000		13049700	
049800+ /ELSE		RADDAT		000000		13049800	
LINES EXCLUDED: 5							
050400+ /ENDIF		RADDAT		000000		13050400	
050500+D i_hLogger	const like(LOG4RPG_hLogger_t )	RADDAT		000000		13050500	
050600+ *		RADDAT		000000		13050600	
050700+ *	Returns a NULL handle.	RADDAT		000000		13050700	
050800+ /IF NOT DEFINED(LOGGER_STUB)		RADDAT		000000		13050800	
050900+D Logger_null...		RADDAT		000000		13050900	
051000+D PR	like(LOG4RPG_hLogger_t )	RADDAT		000000		13051000	
051100+D	extproc('LOG4RPG01+	RADDAT		000000		13051100	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10		Num	Line	Date	Id	Number
051200+D	_Logger_null+				000000		13051200
051300+D	')				000000		13051300
051400+ /ELSE					000000		13051400
LINES EXCLUDED: 5							
052000+ /ENDIF					000000		13052000
052100+ *					000000		13052100
052200+ *	Sets the logging level of the specified logger.				000000		13052200
052300+ /IF NOT DEFINED(LOGGER_STUB)					000000		13052300
052400+D	Logger_setLevel...				000000		13052400
052500+D	PR				000000		13052500
052600+D	extproc('LOG4RPG01+				000000		13052600
052700+D	_Logger_setLevel+				000000		13052700
052800+D	')				000000		13052800
052900+ /ELSE					000000		13052900
LINES EXCLUDED: 5							
053500+ /ENDIF					000000		13053500
053600+D	i_hLogger	const like(LOG4RPG_hLogger_t )			000000		13053600
053700+D	i_level	const like(LOG4RPG_level_t )			000000		13053700
053800+ *					000000		13053800
053900+ *	Allows to enable/disable log4rpg internal logging.				000000		13053900
054000+ /IF NOT DEFINED(LOGGER_STUB)					000000		13054000
054100+D	Logger_setInternalDebugging...				000000		13054100
054200+D	PR				000000		13054200
054300+D	extproc('LOG4RPG01+				000000		13054300
054400+D	_Logger_setInternalDebugging+				000000		13054400
054500+D	')				000000		13054500
054600+ /ELSE					000000		13054600
LINES EXCLUDED: 5							
055200+ /ENDIF					000000		13055200
055300+D	i_debugMode	const like(LOG4RPG_debugMode_t )			000000		13055300
055400+D	i_output	const like(LOG4RPG_debugOutput_t)			000000		13055400
055500+D		options(*nopass)			000000		13055500
055600+ *					000000		13055600
055700+ *	Returns the internal debug mode.				000000		13055700
055800+ /IF NOT DEFINED(LOGGER_STUB)					000000		13055800
055900+D	Logger_getInternalDebugMode...				000000		13055900
056000+D	PR	like(LOG4RPG_debugMode_t )			000000		13056000
056100+D	extproc('LOG4RPG01+				000000		13056100
056200+D	_Logger_getInternalDebugMode+				000000		13056200
056300+D	')				000000		13056300
056400+ /ELSE					000000		13056400
LINES EXCLUDED: 5							
057000+ /ENDIF					000000		13057000
057100+ *					000000		13057100
057200+ *	Returns the target for internal log events.				000000		13057200
057300+ /IF NOT DEFINED(LOGGER_STUB)					000000		13057300
057400+D	Logger_getInternalDebugOutput...				000000		13057400
057500+D	PR	like(LOG4RPG_debugOutput_t)			000000		13057500
057600+D	extproc('LOG4RPG01+				000000		13057600
057700+D	_Logger_getInternalDebugOutput+				000000		13057700
057800+D	')				000000		13057800
057900+ /ELSE					000000		13057900
LINES EXCLUDED: 5							
058500+ /ENDIF					000000		13058500
058600+ *					000000		13058600
058700+ *	-----				000000		13058700

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
058800+	* Prototypes of 'Configurator'	RADDAT		000000		13058800	
058900+	* (copied from PLOG4RPG08)	RADDAT		000000		13058900	
059000+	* -----	RADDAT		000000		13059000	
059100+	*	RADDAT		000000		13059100	
059200+	* Loads a default configuration.	RADDAT		000000		13059200	
059300+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT		000000		13059300	
059400+	D Configurator_loadDefaultConfiguration...	RADDAT		000000		13059400	
059500+	PR N	RADDAT		000000		13059500	
059600+	extproc('LOG4RPG08+	RADDAT		000000		13059600	
059700+	_Configurator_+	RADDAT		000000		13059700	
059800+	loadDefaultConfiguration+	RADDAT		000000		13059800	
059900+	')	RADDAT		000000		13059900	
060000+	/ELSE	RADDAT		000000		13060000	
	LINES EXCLUDED: 5						
060600+	/ENDIF	RADDAT		000000		13060600	
060700+	*	RADDAT		000000		13060700	
060800+	* Configures LOG4RPG from a properties file.	RADDAT		000000		13060800	
060900+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT		000000		13060900	
061000+	D Configurator_loadPropertiesConfiguration...	RADDAT		000000		13061000	
061100+	PR N	RADDAT		000000		13061100	
061200+	extproc('LOG4RPG08+	RADDAT		000000		13061200	
061300+	_Configurator_+	RADDAT		000000		13061300	
061400+	loadPropertiesConfiguration+	RADDAT		000000		13061400	
061500+	')	RADDAT		000000		13061500	
061600+	/ELSE	RADDAT		000000		13061600	
	LINES EXCLUDED: 5						
062200+	/ENDIF	RADDAT		000000		13062200	
062300+	D i_path const like(LOG4RPG_path_t )	RADDAT		000000		13062300	
062400+	*	RADDAT		000000		13062400	
062500+	* Configures LOG4RPG from a properties file. Watches the properties	RADDAT		000000		13062500	
062600+	* file for changes and reloads the configuration on changes.	RADDAT		000000		13062600	
062700+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT		000000		13062700	
062800+	D Configurator_loadAndWatchPropertiesConfiguration...	RADDAT		000000		13062800	
062900+	PR N	RADDAT		000000		13062900	
063000+	extproc('LOG4RPG08+	RADDAT		000000		13063000	
063100+	_Configurator_+	RADDAT		000000		13063100	
063200+	loadAndWatchPropertiesConfiguration+	RADDAT		000000		13063200	
063300+	')	RADDAT		000000		13063300	
063400+	/ELSE	RADDAT		000000		13063400	
	LINES EXCLUDED: 6						
064100+	/ENDIF	RADDAT		000000		13064100	
064200+	D i_path const like(LOG4RPG_path_t )	RADDAT		000000		13064200	
064300+	D i_waitMinutes 10I 0 const options(*nopass)	RADDAT		000000		13064300	
064400+	D i_unit 10A const options(*nopass)	RADDAT		000000		13064400	
064500+	*	RADDAT		000000		13064500	
064600+	* Clears all configuration data.	RADDAT		000000		13064600	
064700+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT		000000		13064700	
064800+	D Configurator_clearConfiguration...	RADDAT		000000		13064800	
064900+	PR	RADDAT		000000		13064900	
065000+	extproc('LOG4RPG08+	RADDAT		000000		13065000	
065100+	_Configurator_clearConfiguration+	RADDAT		000000		13065100	
065200+	')	RADDAT		000000		13065200	
065300+	/ELSE	RADDAT		000000		13065300	
	LINES EXCLUDED: 5						
065900+	/ENDIF	RADDAT		000000		13065900	
066000+	*	RADDAT		000000		13066000	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	Num	Line	Date	Id	Number	
066100+	* Creates a new layout.			000000		13066100	
066200+	/IF NOT DEFINED(LOGGER_STUB)			000000		13066200	
066300+	D Layout_new...			000000		13066300	
066400+	D PR	like(LOG4RPG_pLayout_t )		000000		13066400	
066500+	D	extproc('LOG4RPG11+		000000		13066500	
066600+	D	_Layout_new+		000000		13066600	
066700+	D	')		000000		13066700	
066800+	/ELSE			000000		13066800	
	LINES EXCLUDED: 5						
067400+	/ENDIF			000000		13067400	
067500+	D i_layoutImpl	const like(LOG4RPG_implClass_t )		000000		13067500	
067600+	D i_pPropString	* const options(*nopass:		000000		13067600	
067700+	D	*omit : *string)		000000		13067700	
067800+	*			000000		13067800	
067900+	* Returns a NULL layout.			000000		13067900	
068000+	/IF NOT DEFINED(LOGGER_STUB)			000000		13068000	
068100+	D Layout_null...			000000		13068100	
068200+	D PR	like(LOG4RPG_pLayout_t )		000000		13068200	
068300+	D	extproc('LOG4RPG11+		000000		13068300	
068400+	D	_Layout_null+		000000		13068400	
068500+	D	')		000000		13068500	
068600+	/ELSE			000000		13068600	
	LINES EXCLUDED: 5						
069200+	/ENDIF			000000		13069200	
069300+	*			000000		13069300	
069400+	* Creates a new appender.			000000		13069400	
069500+	/IF NOT DEFINED(LOGGER_STUB)			000000		13069500	
069600+	D Appender_new...			000000		13069600	
069700+	D PR	like(LOG4RPG_pAppender_t )		000000		13069700	
069800+	D	extproc('LOG4RPG03+		000000		13069800	
069900+	D	_Appender_new+		000000		13069900	
070000+	D	')		000000		13070000	
070100+	/ELSE			000000		13070100	
	LINES EXCLUDED: 5						
070700+	/ENDIF			000000		13070700	
070800+	D i_appName	const like(LOG4RPG_appenderName_t )		000000		13070800	
070900+	D i_appImpl	const like(LOG4RPG_implClass_t )		000000		13070900	
071000+	D i_pPropString	* const options(*nopass:		000000		13071000	
071100+	D	*omit : *string)		000000		13071100	
071200+	*			000000		13071200	
071300+	* Returns a NULL appender.			000000		13071300	
071400+	/IF NOT DEFINED(LOGGER_STUB)			000000		13071400	
071500+	D Appender_null...			000000		13071500	
071600+	D PR	like(LOG4RPG_pAppender_t )		000000		13071600	
071700+	D	extproc('LOG4RPG03+		000000		13071700	
071800+	D	_Appender_null+		000000		13071800	
071900+	D	')		000000		13071900	
072000+	/ELSE			000000		13072000	
	LINES EXCLUDED: 5						
072600+	/ENDIF			000000		13072600	
072700+	*			000000		13072700	
072800+	* Sets the layout for the specified appender.			000000		13072800	
072900+	/IF NOT DEFINED(LOGGER_STUB)			000000		13072900	
073000+	D Appender_setLayout...			000000		13073000	
073100+	D PR	N		000000		13073100	
073200+	D	extproc('LOG4RPG03+		000000		13073200	



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10		Num	Line	Date	Id	Number
073300+D	_Appender_setLayout+				000000		13073300
073400+D	)				000000		13073400
073500+ /ELSE					000000		13073500
LINES EXCLUDED: 5							
074100+ /ENDIF					000000		13074100
074200+D i_pAppender	const like(LOG4RPG_pAppender_t )				000000		13074200
074300+D i_pLayout	const like(LOG4RPG_pLayout_t )				000000		13074300
074400+ *					000000		13074400
074500+ *	Sets the filter for the specified appender.				000000		13074500
074600+ /IF NOT DEFINED(LOGGER_STUB)					000000		13074600
074700+D Appender_setFilter...					000000		13074700
074800+D PR N					000000		13074800
074900+D	extproc('LOG4RPG03+				000000		13074900
075000+D	_Appender_setFilter+				000000		13075000
075100+D	)				000000		13075100
075200+ /ELSE					000000		13075200
LINES EXCLUDED: 5							
075800+ /ENDIF					000000		13075800
075900+D i_pAppender	const like(LOG4RPG_pAppender_t )				000000		13075900
076000+D i_pFilter	const like(LOG4RPG_pFilter_t )				000000		13076000
076100+ *					000000		13076100
076200+ *	Adds an appender to the specified logger.				000000		13076200
076300+ /IF NOT DEFINED(LOGGER_STUB)					000000		13076300
076400+D Logger_addAppender...					000000		13076400
076500+D PR					000000		13076500
076600+D	extproc('LOG4RPG01+				000000		13076600
076700+D	_Logger_addAppender+				000000		13076700
076800+D	)				000000		13076800
076900+ /ELSE					000000		13076900
LINES EXCLUDED: 5							
077500+ /ENDIF					000000		13077500
077600+D i_hLogger	const like(LOG4RPG_hLogger_t )				000000		13077600
077700+D i_hAppender	const like(LOG4RPG_pAppender_t )				000000		13077700
077800+ *					000000		13077800
077900+ *	Creates a new filter.				000000		13077900
078000+ /IF NOT DEFINED(LOGGER_STUB)					000000		13078000
078100+D Filter_new...					000000		13078100
078200+D PR	like(LOG4RPG_pFilter_t )				000000		13078200
078300+D	extproc('LOG4RPG17+				000000		13078300
078400+D	_Filter_new+				000000		13078400
078500+D	)				000000		13078500
078600+ /ELSE					000000		13078600
LINES EXCLUDED: 5							
079200+ /ENDIF					000000		13079200
079300+D i_fltName	const like(LOG4RPG_filterName_t )				000000		13079300
079400+D i_fltImpl	const like(LOG4RPG_implClass_t )				000000		13079400
079500+D i_pPropString	* const options(*nopass:				000000		13079500
079600+D	*omit : *string)				000000		13079600
079700+ *					000000		13079700
079800+ *	Returns a NULL filter.				000000		13079800
079900+ /IF NOT DEFINED(LOGGER_STUB)					000000		13079900
080000+D Filter_null...					000000		13080000
080100+D PR	like(LOG4RPG_pFilter_t )				000000		13080100
080200+D	extproc('LOG4RPG17+				000000		13080200
080300+D	_Filter_null+				000000		13080300
080400+D	)				000000		13080400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
080500+	/ELSE	RADDAT		000000		13080500	
	LINES EXCLUDED: 5						
081100+	/ENDIF	RADDAT		000000		13081100	
081200+	*	RADDAT		000000		13081200	
081300+	* Sets the next filter of the filter chain.	RADDAT		000000		13081300	
081400+	/IF NOT DEFINED(LOGGER_STUB)	RADDAT		000000		13081400	
081500+	D Filter_setNext...	RADDAT		000000		13081500	
081600+	D PR	RADDAT		000000		13081600	
081700+	D extproc('LOG4RPG17+	RADDAT		000000		13081700	
081800+	D _Filter_setNext+	RADDAT		000000		13081800	
081900+	D ')	RADDAT		000000		13081900	
082000+	/ELSE	RADDAT		000000		13082000	
	LINES EXCLUDED: 5						
082600+	/ENDIF	RADDAT		000000		13082600	
082700+	D i_pFilter	RADDAT		000000		13082700	
082800+	D i_pNextFilter	RADDAT		000000		13082800	
082900+	*	RADDAT		000000		13082900	
083000+	/ENDIF	RADDAT		000000		13083000	
000600+	*			600525		11000600	
000700+	* Returns the IP address of the 5250 client of the			601013		11000700	
000800+	* specified job.			600525		11000800	
000900+	D Job_getTcpIpAddr...			600525		11000900	
001000+	D PR 15A varying			600525		11001000	
001100+	D extproc('WSDL2R88_+			600525		11001100	
001200+	D Job_getTcpIpAddr+			600525		11001200	
001300+	D ')			600525		11001300	
001400+	D i_qJob			600528		11001400	
001500+	D const likeds(wsdL_qJob_t )			600525		11001500	
001600+	D options(*nopass)			620502		11001600	
001700+	* Returns cTrue for a batch job, else cFalse.			620502		11001700	
001800+	D Job_isBatch...			620502		11001800	
001900+	D PR N			620502		11001900	
002000+	D extproc('WSDL2R88_+			620502		11002000	
002100+	D Job_isBatch+			620502		11002100	
002200+	D ')			620502		11002200	
002300+	*			601026		11002300	
002400+	* Returns the file name of a given path.			601026		11002400	
002500+	D File_getName...			601026		11002500	
002600+	D PR like(wsdL_path_t )			601026		11002600	
002700+	D extproc('WSDL2R88_+			601026		11002700	
002800+	D File_getName+			601026		11002800	
002900+	D ')			601026		11002900	
003000+	D i_path			601026		11003000	
003100+	*			601029		11003100	
003200+	* Fixes a given path name to meet System i requirements.			601029		11003200	
003300+	D File_fixPath...			601029		11003300	
003400+	D PR like(wsdL_path_t )			601029		11003400	
003500+	D extproc('WSDL2R88_+			601029		11003500	
003600+	D File_fixPath+			601029		11003600	
003700+	D ')			601029		11003700	
003800+	D i_path			601029		11003800	
003900+	*			610930		11003900	
004000+	* Starts the Log4rpg logging service.			610930		11004000	
004100+	D Log4rpg_startLoggingService...			610930		11004100	
004200+	D PR			610930		11004200	
004300+	D extproc('WSDL2R88_+			610930		11004300	

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Line <----- Source Specifications -----><--- Comments ---> Do Page Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number
004400+D Log4rpg_startLoggingService+ 610930 11004400
004500+D ' ) 610930 11004500
004600+D i_path const like(LOG4RPG_path_t ) 610930 11004600
004700+D options(*nopass) 610930 11004700
004800+D i_waitMinutes 10I 0 const options(*nopass) 610930 11004800
004900+D i_unit 10A const options(*nopass) 610930 11004900
005000+ * 620502 11005000
005100+ * Returns the release level of the operating system. 620502 11005100
005200+D OperatingSystem_getRelease... 620502 11005200
005300+D PR 6A 620502 11005300
005400+D extproc('WSDL2R88_+ 620502 11005400
005500+D OperatingSystem_getRelease+ 620502 11005500
005600+D ' ) 620502 11005600
005700+ * 571107 11005700
005800+ /ENDIF 571108 11005800
005500+ /COPY QWSDL2RPG,PWSDL2R90 WSDL2RPG: AppMsg CPY 000000 9005500
*-----*
* RPG member name . . . . . : PWSDL2R90 * 15
* External name . . . . . : WSDL2RPG/QWSDL2RPG(PWSDL2R90) * 15
* Last change . . . . . : 09/18/13 08:21:13 * 15
* Text 'description' . . . . : WSDL2RPG: Application Message (Prototype) * 15
*-----*
000100+ /IF NOT DEFINED(PWSDL2R90) 571204 15000100
000200+ /DEFINE PWSDL2R90 571204 15000200
000300+ * 571108 15000300
000400+ /COPY QWSDL2RPG,TYPES CPY 571108 15000400
*-----*
* RPG member name . . . . . : TYPES * 16
* External name . . . . . : WSDL2RPG/QWSDL2RPG(TYPES) * 16
* Last change . . . . . : 09/18/13 08:21:14 * 16
* Text 'description' . . . . : Type definitions (private) * 16
*-----*
000100+ /IF NOT DEFINED(TYPES) 571106 16000100
000200+ /DEFINE TYPES 571106 16000200
000300+ *=====* 571126 16000300
000400+ * Important Information: 571126 16000400
000500+ * All structures and fields are 16-byte aligned to avoid 571126 16000500
000600+ * pointer problems. 571126 16000600
000700+ *=====* 571126 16000700
000800+ /COPY QBASICS1,PBASICS1 General Purpose Function Library CPY 571121 16000800
*-----*
* RPG member name . . . . . : PBASICS1 * 17
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1) * 17
* Last change . . . . . : 07/10/14 10:43:13 * 17
* Text 'description' . . . . : SrvPgm: Basic Routines - Include cpybk * 17
*-----*
000100+ /IF NOT DEFINED(D_BASIC) RADDAT 000000 17000100
000200+ /DEFINE D_BASIC RADDAT 000000 17000200
000300+ * RADDAT 000000 17000300
000400+ * ----- RADDAT 000000 17000400
000500+ * Constants RADDAT 000000 17000500
000600+ * ----- RADDAT 000000 17000600
000700+ /IF NOT DEFINED(cTrue) RADDAT 000000 17000700
LINES EXCLUDED: 2
001000+ /ENDIF RADDAT 000000 17001000
001100+ * RADDAT 000000 17001100
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Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
001200+	/IF NOT DEFINED(cFalse)	RADDAT			000000		17001200
	LINES EXCLUDED: 2						
001500+	/ENDIF	RADDAT			000000		17001500
001600+	*	RADDAT			000000		17001600
001700+	*	RADDAT			000000		17001700
001800+	* Reference fields	RADDAT			000000		17001800
001900+	*	RADDAT			000000		17001900
002000+	*	RADDAT			000000		17002000
002100+	*	RADDAT			000000		17002100
002200+	* Prototypes	RADDAT			000000		17002200
002300+	*	RADDAT			000000		17002300
002400+	/COPY QBASICS1,PBASICS1R1		CPY		000000		17002400
	Messages						
	* RPG member name . . . . . : PBASICS1R1	*					18
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R1)	*					18
	* Last change . . . . . : 07/10/14 10:43:13	*					18
	* Text 'description' . . . . : SrvPgm: Basic Routines - Messages cpybk	*					18
000100+	/IF NOT DEFINED(PBASICS1R1)				000000		18000100
000200+	/DEFINE PBASICS1R1				000000		18000200
000300+	*	RADDAT			000000		18000300
000400+	* Reference fields	RADDAT			000000		18000400
000500+	/COPY QBASICS1,FDMSG	RADDAT	CPY		000000		18000500
	* RPG member name . . . . . : FDMSG	*					19
	* External name . . . . . : WSDL2RPG/QBASICS1(FDMSG)	*					19
	* Last change . . . . . : 07/10/14 10:43:12	*					19
	* Text 'description' . . . . : cpybk : Message	*					19
000100+	/IF NOT DEFINED(msg_t)	RADDAT			000000		19000100
	LINES EXCLUDED: 22						
002400+	/ENDIF	RADDAT			000000		19002400
000600+	/COPY QBASICS1,FDRCVM0200	RADDAT	CPY		000000		18000600
	* RPG member name . . . . . : FDRCVM0200	*					20
	* External name . . . . . : WSDL2RPG/QBASICS1(FDRCVM0200)	*					20
	* Last change . . . . . : 07/10/14 10:43:12	*					20
	* Text 'description' . . . . : cpybk : QMHRCVM API - RCVM0200	*					20
000100+	/IF NOT DEFINED(rcvm0200_t)	RADDAT			000000		20000100
000200+	/DEFINE rcvm0200_t	RADDAT			000000		20000200
000300+	*=====*	RADDAT			000000		20000300
000400+	* QMHRCVM API - RCVM0200	RADDAT			000000		20000400
000500+	*=====*	RADDAT			000000		20000500
000600+	*	RADDAT			000000		20000600
000700+	D rcvm0200_t DS qualified based(pDummy)	RADDAT			000000		20000700
000800+	* Bytes returned	RADDAT			000000		20000800
000900+	D bytRet 10I 0	RADDAT			000000		20000900
001000+	* Bytes available	RADDAT			000000		20001000
001100+	D bytAvl 10I 0	RADDAT			000000		20001100
001200+	* Message Severity	RADDAT			000000		20001200
001300+	D msgSev 10I 0	RADDAT			000000		20001300
001400+	* Message ID	RADDAT			000000		20001400
001500+	D msgID 7A	RADDAT			000000		20001500
001600+	* Message Type	RADDAT			000000		20001600
001700+	D msgType 2A	RADDAT			000000		20001700

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
001800+	* Message Key				000000		20001800
001900+	D msgKey				000000		20001900
002000+	* Message File				000000		20002000
002100+	D msgF				000000		20002100
002200+	* Message Library Specified				000000		20002200
002300+	D msgLS				000000		20002300
002400+	* Message Library Used				000000		20002400
002500+	D msgLU				000000		20002500
002600+	* Sending Job				000000		20002600
002700+	D sndJob				000000		20002700
002800+	* Sending User Profile				000000		20002800
002900+	D sndUsr				000000		20002900
003000+	* Sending Job Number				000000		20003000
003100+	D sndNbr				000000		20003100
003200+	* Sending Program				000000		20003200
003300+	D sndPgm				000000		20003300
003400+	* Sending program Instr. Nbr.				000000		20003400
003500+	D sndINb				000000		20003500
003600+	* Sending Date				000000		20003600
003700+	D sndDat				000000		20003700
003800+	* Sending Time				000000		20003800
003900+	D sndTim				000000		20003900
004000+	* Receiving program				000000		20004000
004100+	D rcvPgm				000000		20004100
004200+	* Receiving Program Instr. Nbr				000000		20004200
004300+	D rcvINb				000000		20004300
004400+	* Sending Type				000000		20004400
004500+	D sndTyp				000000		20004500
004600+	* Receiving Type				000000		20004600
004700+	D rcvTyp				000000		20004700
004800+	* Reserved 01				000000		20004800
004900+	D reserved_01				000000		20004900
005000+	* Conversion Status ID Text				000000		20005000
005100+	D cStIDTx				000000		20005100
005200+	* Conversion Status ID Data				000000		20005200
005300+	D cStIDDt				000000		20005300
005400+	* Alert Option				000000		20005400
005500+	D alrOpt				000000		20005500
005600+	* CCSID of msg and help				000000		20005600
005700+	D ccsidMH				000000		20005700
005800+	* CCSID of replacement data				000000		20005800
005900+	D ccsidRD				000000		20005900
006000+	* Length replacement data ret.				000000		20006000
006100+	D lnRplDtr				000000		20006100
006200+	* Length replacement data avl.				000000		20006200
006300+	D lnRplDtA				000000		20006300
006400+	* Length message ret.				000000		20006400
006500+	D lnMgR				000000		20006500
006600+	* Length message avl.				000000		20006600
006700+	D lnMgA				000000		20006700
006800+	* Length message help ret.				000000		20006800
006900+	D lnMgHR				000000		20006900
007000+	* Length message help avl.				000000		20007000
007100+	D lnMgHA				000000		20007100
007200+	* Value of varying length!				000000		20007200
007300+	D value				000000		20007300

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Number	1...10	Num	Line	Date	Id	Number	
007400+	*	RADDAT		000000		20007400	
007500+	/ENDIF	RADDAT		000000		20007500	
000700+	/COPY QBASICS1,FDRVCVM0300	RADDAT	CPY	000000		18000700	
*-----*							
	* RPG member name . . . . . : FDRVCVM0300	*				21	
	* External name . . . . . : WSDL2RPG/QBASICS1(FDRVCVM0300)	*				21	
	* Last change . . . . . : 07/10/14 10:43:12	*				21	
	* Text 'description' . . . . : cpybk : QMHRCVM API - RCV0300	*				21	
*-----*							
000100+	/IF NOT DEFINED(rcvm0300_t)	RADDAT		000000		21000100	
000200+	/DEFINE rcvm0300_t	RADDAT		000000		21000200	
000300+	*=====*	RADDAT		000000		21000300	
000400+	* QMHRCVM API - RCV0300	RADDAT		000000		21000400	
000500+	*=====*	RADDAT		000000		21000500	
000600+	*	RADDAT		000000		21000600	
000700+	D rcvm0300_t DS qualified based(pDummy)	RADDAT		000000		21000700	
000800+	* Bytes returned	RADDAT		000000		21000800	
000900+	D bytRet 1 4I 0	RADDAT		000000		21000900	
001000+	* Bytes available	RADDAT		000000		21001000	
001100+	D bytAvl 5 8I 0	RADDAT		000000		21001100	
001200+	* Message Severity	RADDAT		000000		21001200	
001300+	D msgSev 9 12I 0	RADDAT		000000		21001300	
001400+	* Message ID	RADDAT		000000		21001400	
001500+	D msgID 13 19A	RADDAT		000000		21001500	
001600+	* Message Type	RADDAT		000000		21001600	
001700+	D msgType 20 21A	RADDAT		000000		21001700	
001800+	* Message Key	RADDAT		000000		21001800	
001900+	D msgKey 22 25A	RADDAT		000000		21001900	
002000+	* Message File	RADDAT		000000		21002000	
002100+	D msgF 26 35A	RADDAT		000000		21002100	
002200+	* Message Library Specified	RADDAT		000000		21002200	
002300+	D msgLS 36 45A	RADDAT		000000		21002300	
002400+	* Message Library Used	RADDAT		000000		21002400	
002500+	D msgLU 46 55A	RADDAT		000000		21002500	
002600+	* Alert option	RADDAT		000000		21002600	
002700+	D alertOpt 56 64A			000000		21002700	
002800+	* CCSID conversion status indicator of message and message help			000000		21002800	
002900+	D ccsidConvStatMsg...			000000		21002900	
003000+	D 65 68I 0			000000		21003000	
003100+	* CCSID conversion status indicator of message data or text			000000		21003100	
003200+	D ccsidConvStatMsgData...			000000		21003200	
003300+	D 69 72I 0			000000		21003300	
003400+	* CCSID of replacement data or impromptu message text			000000		21003400	
003500+	D ccsidRplData...			000000		21003500	
003600+	D 73 76I 0			000000		21003600	
003700+	* CCSID of replacement data and message help			000000		21003700	
003800+	D ccsidMsgHlp...			000000		21003800	
003900+	D 77 80I 0			000000		21003900	
004000+	* Length of replacement data or impromptu message text returned			000000		21004000	
004100+	D lenRplDataR...			000000		21004100	
004200+	D 81 84I 0			000000		21004200	
004300+	* Length of replacement data or impromptu message text available			000000		21004300	
004400+	D lenRplDataA...			000000		21004400	
004500+	D 85 88I 0			000000		21004500	
004600+	* Length of message returned			000000		21004600	
004700+	D lenMsgR...			000000		21004700	

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
004800+D	89 92I 0			000000		21004800	
004900+ *	Length of message available			000000		21004900	
005000+D	lenMsgA...			000000		21005000	
005100+D	93 96I 0			000000		21005100	
005200+ *	Length of message help returned			000000		21005200	
005300+D	lenMsgHlpR...			000000		21005300	
005400+D	97 100I 0			000000		21005400	
005500+ *	Length of message help available			000000		21005500	
005600+D	lenMsgHlpA...			000000		21005600	
005700+D	101 104I 0			000000		21005700	
005800+ *	Length of sender information returned			000000		21005800	
005900+D	lenSndInfR...			000000		21005900	
006000+D	105 108I 0			000000		21006000	
006100+ *	Length of sender information available			000000		21006100	
006200+D	lenSndInfA...			000000		21006200	
006300+D	109 112I 0			000000		21006300	
006400+ *				000000		21006400	
006500+ *	The offsets to CHAR(*) Replacement data or impromptu message text			000000		21006500	
006600+ *	these fields CHAR(*) Message			000000		21006600	
006700+ *	equal the offset CHAR(*) Message help			000000		21006700	
006800+ *	to the last CHAR(*) Sender information			000000		21006800	
006900+ *	fixed-length	RADDAT		000000		21006900	
007000+ *	field plus the	RADDAT		000000		21007000	
007100+ *	length of the	RADDAT		000000		21007100	
007200+ *	previous variable	RADDAT		000000		21007200	
007300+ *	length fields.	RADDAT		000000		21007300	
007400+ *		RADDAT		000000		21007400	
007500+ /ENDIF		RADDAT		000000		21007500	
007600+ *		RADDAT		000000		21007600	
007700+ /IF NOT DEFINED(sndInf_t)				000000		21007700	
007800+ /DEFINE sndInf_t				000000		21007800	
007900+ *	=====*	RADDAT		000000		21007900	
008000+ *	QMHRVCVM API - Sender Information Format *	RADDAT		000000		21008000	
008100+ *	=====*	RADDAT		000000		21008100	
008200+ *		RADDAT		000000		21008200	
008300+D	sndInf_t DS based(pDummy) qualified			000000		21008300	
008400+ *	Sending job	RADDAT		000000		21008400	
008500+D	job...			000000		21008500	
008600+D	1 10A			000000		21008600	
008700+ *	Sending user profile	RADDAT		000000		21008700	
008800+D	user...			000000		21008800	
008900+D	11 20A			000000		21008900	
009000+ *	Sending job's number	RADDAT		000000		21009000	
009100+D	jobNbr...			000000		21009100	
009200+D	21 26A			000000		21009200	
009300+ *	Date sent	RADDAT		000000		21009300	
009400+D	date...			000000		21009400	
009500+D	27 33A			000000		21009500	
009600+ *	Time sent	RADDAT		000000		21009600	
009700+D	time...			000000		21009700	
009800+D	34 39A			000000		21009800	
009900+ *	Sending type	RADDAT		000000		21009900	
010000+D	sndType...			000000		21010000	
010100+D	40 40A			000000		21010100	
010200+ *	Receiving type	RADDAT		000000		21010200	
010300+D	rcvType...			000000		21010300	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
010400+D	41 41A				000000		21010400
010500+ *	Sending program name	RADDAT			000000		21010500
010600+D	sndPgm...				000000		21010600
010700+D	42 53A				000000		21010700
010800+ *	Sending module name	RADDAT			000000		21010800
010900+D	sndModule...				000000		21010900
011000+D	54 63A				000000		21011000
011100+ *	Sending procedure name	RADDAT			000000		21011100
011200+D	sndProc...				000000		21011200
011300+D	64 319A				000000		21011300
011400+ *	Reserved	RADDAT			000000		21011400
011500+D	reserved_01...				000000		21011500
011600+D	320 320A				000000		21011600
011700+ *	Number of statement numbers or instruction numbers	RADDAT			000000		21011700
011800+ *	available for the sending program or procedure				000000		21011800
011900+D	sndPgmNumStmntNbrs...				000000		21011900
012000+D	321 324A				000000		21012000
012100+ *	Sending program's statement numbers or				000000		21012100
012200+ *	instruction numbers				000000		21012200
012300+D	sndPgmStmntNbrs...				000000		21012300
012400+D	325 354A				000000		21012400
012500+D	sndPgmStmntNbr...	RADDAT			000000		21012500
012600+D	10A dim(3) overlay(sndPgmStmntNbrs)	RADDAT			000000		21012600
012700+ *	Receiving program name	RADDAT			000000		21012700
012800+D	rcvPgm...				000000		21012800
012900+D	355 364A				000000		21012900
013000+ *	Receiving module name	RADDAT			000000		21013000
013100+D	rcvModule...				000000		21013100
013200+D	365 374A				000000		21013200
013300+ *	Receiving procedure name	RADDAT			000000		21013300
013400+D	rcvProc...				000000		21013400
013500+D	375 630A				000000		21013500
013600+ *	Reserved	RADDAT			000000		21013600
013700+D	reserved_02...				000000		21013700
013800+D	631 640A				000000		21013800
013900+ *	Number of statement numbers or instruction numbers	RADDAT			000000		21013900
014000+ *	available for the receiving program or procedure.				000000		21014000
014100+D	rcvPgmNumStmntNbrs...				000000		21014100
014200+D	641 644I 0				000000		21014200
014300+ *	Receiving program's statement number or	RADDAT			000000		21014300
014400+ *	instruction number	RADDAT			000000		21014400
014500+D	rcvPgmStmntNbrs...				000000		21014500
014600+D	645 674A				000000		21014600
014700+D	rcvPgmStmntNbr...	RADDAT			000000		21014700
014800+D	10A dim(3) overlay(rcvPgmStmntNbrs)	RADDAT			000000		21014800
014900+ *	Reserved	RADDAT			000000		21014900
015000+D	reserved_03...				000000		21015000
015100+D	675 676A				000000		21015100
015200+ *	Displacement to long sending program name	RADDAT			000000		21015200
015300+D	ofsSndPgmLName...				000000		21015300
015400+D	677 680I 0				000000		21015400
015500+ *	Length of long sending program name				000000		21015500
015600+D	lenSndPgmLName...				000000		21015600
015700+D	681 684I 0				000000		21015700
015800+ *	Displacement to long sending procedure name				000000		21015800
015900+D	ofsSndPrcLName...				000000		21015900



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	11...20	21...30	31...40	Date	Id	Number
016000+D	685 688I 0				000000		21016000
016100+ *	Length of long sending procedure name				000000		21016100
016200+D	lenSndPrclName...				000000		21016200
016300+D	689 692I 0				000000		21016300
016400+ *	Displacement to long receiving procedure name				000000		21016400
016500+D	ofsRcvPrclName...				000000		21016500
016600+D	693 696I 0				000000		21016600
016700+ *	Length of long receiving procedure name				000000		21016700
016800+D	lenRcvPrclName...				000000		21016800
016900+D	697 700I 0				000000		21016900
017000+ *					000000		21017000
017100+ *	The CHAR(*) Reserved				000000		21017100
017200+ *	offsets CHAR(*) Long sending program name				000000		21017200
017300+ *	to these CHAR(*) Long sending procedure name				000000		21017300
017400+ *	fields CHAR(*) Long receiving procedure name				000000		21017400
017500+ *	are found				000000		21017500
017600+ *	in the				000000		21017600
017700+ *	displacemet				000000		21017700
017800+ *	fields				000000		21017800
017900+ *	identified				000000		21017900
018000+ *	in this				000000		21018000
018100+ *	table.				000000		21018100
018200+ *					000000		21018200
018300+ /ENDIF					000000		21018300
000800+ /COPY QBASICS1,FDRTVM0100					000000	CPY	18000800
-----*							
* RPG member name . . . . . : FDRTVM0100							22
* External name . . . . . : WSDL2RPG/QBASICS1(FDRTVM0100)							22
* Last change . . . . . : 07/10/14 10:43:12							22
* Text 'description' . . . . . : cpybk : QMHRTVM API - RTVM0100							22
-----*							
000100+ /IF NOT DEFINED(rtv0100_t)					000000		22000100
000200+ /DEFINE rtvm0100_t					000000		22000200
000300+ *					000000		22000300
000400+ *	QMHRTVM API - RTVM0100				000000		22000400
000500+ *					000000		22000500
000600+ *					000000		22000600
000700+D rtvm0100_t DS	qualified	based(pDummy)			000000		22000700
000800+ *	Bytes returned				000000		22000800
000900+D BYTRET	9B 0				000000		22000900
001000+ *	Bytes available				000000		22001000
001100+D BYTAVL	9B 0				000000		22001100
001200+ *	Length of message returned				000000		22001200
001300+D LENMSGRET	9B 0				000000		22001300
001400+ *	Length of message available				000000		22001400
001500+D LENMSGAVL	9B 0				000000		22001500
001600+ *	Length of msg help returned				000000		22001600
001700+D LENHLPRET	9B 0				000000		22001700
001800+ *	Length of msg help available				000000		22001800
001900+D LENHLPVL	9B 0				000000		22001900
002000+ *	Msg text and data of varying length!				000000		22002000
002100+D DATA	2048A				000000		22002100
002200+ *					000000		22002200
002300+ /ENDIF					000000		22002300
000900+ /COPY QBASICS1,FDRTVM0300					000000	CPY	18000900
-----*							

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
1	RPG member name : FDRTVM0300						23
2	External name : WSDL2RPG/QBASICS1(FDRTVM0300)						23
3	Last change : 07/10/14 10:43:12						23
4	Text 'description' : cpybk : QMHRTVM API - RTVM0300						23
000100+	/IF NOT DEFINED(rtv0300_t)	RADDAT			000000		23000100
000200+	/DEFINE rtv0300_t	RADDAT			000000		23000200
000300+	*****	RADDAT			000000		23000300
000400+	* QMHRTVM API - RTVM0300	RADDAT			000000		23000400
000500+	*****	RADDAT			000000		23000500
000600+	*	RADDAT			000000		23000600
000700+	D rtv0300_t DS qualified based(pDummy)	RADDAT			000000		23000700
000800+	* Bytes returned	RADDAT			000000		23000800
000900+	D bytRet 10I 0	RADDAT			000000		23000900
001000+	* Bytes available	RADDAT			000000		23001000
001100+	D bytAvl 10I 0	RADDAT			000000		23001100
001200+	* Message severity	RADDAT			000000		23001200
001300+	D msgSev 10I 0	RADDAT			000000		23001300
001400+	* Alert index	RADDAT			000000		23001400
001500+	D altIdx 10I 0	RADDAT			000000		23001500
001600+	* Alert Option	RADDAT			000000		23001600
001700+	D altOpt 9A	RADDAT			000000		23001700
001800+	* Log indicator	RADDAT			000000		23001800
001900+	D logInd 1A	RADDAT			000000		23001900
002000+	* Message ID	RADDAT			000000		23002000
002100+	D msgID 7A	RADDAT			000000		23002100
002200+	* Reserved	RADDAT			000000		23002200
002300+	D reserved_01 3A	RADDAT			000000		23002300
002400+	* Nbr. of subst. var. formats	RADDAT			000000		23002400
002500+	D numVarFmt 10I 0	RADDAT			000000		23002500
002600+	* CCSID conv. stat. ind. text	RADDAT			000000		23002600
002700+	D csIndTxt 10I 0	RADDAT			000000		23002700
002800+	* CCSID conv. stat. ind. data	RADDAT			000000		23002800
002900+	D csIndDta 10I 0	RADDAT			000000		23002900
003000+	* CCSID of Text returned	RADDAT			000000		23003000
003100+	D ccsidTxt 10I 0	RADDAT			000000		23003100
003200+	* Offset of default reply	RADDAT			000000		23003200
003300+	D ofsDftr 10I 0	RADDAT			000000		23003300
003400+	* Length of default reply ret.	RADDAT			000000		23003400
003500+	D lenDftrRpyR 10I 0	RADDAT			000000		23003500
003600+	* Length of default reply avl.	RADDAT			000000		23003600
003700+	D lenDftrRpyA 10I 0	RADDAT			000000		23003700
003800+	* Offset of message	RADDAT			000000		23003800
003900+	D ofsMsg 10I 0	RADDAT			000000		23003900
004000+	* Length of message returned	RADDAT			000000		23004000
004100+	D lenMsgR 10I 0	RADDAT			000000		23004100
004200+	* Length of message available	RADDAT			000000		23004200
004300+	D lenMsgA 10I 0	RADDAT			000000		23004300
004400+	* Offset of message	RADDAT			000000		23004400
004500+	D ofsMsgHlp 10I 0	RADDAT			000000		23004500
004600+	* Length of message help ret.	RADDAT			000000		23004600
004700+	D lenMsgHlpR 10I 0	RADDAT			000000		23004700
004800+	* Length of message help avl.	RADDAT			000000		23004800
004900+	D lenMsgHlpA 10I 0	RADDAT			000000		23004900
005000+	* Ofs. of subst. var. formats	RADDAT			000000		23005000
005100+	D ofsVarFmt 10I 0	RADDAT			000000		23005100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
005200+	* Length subst. var. fmt. ret.	RADDAT			000000		23005200
005300+D	lenVarFmtR 10I 0	RADDAT			000000		23005300
005400+	* Length subst. var. fmt. avl.	RADDAT			000000		23005400
005500+D	lenVarFmtA 10I 0	RADDAT			000000		23005500
005600+	* Length subst. var. element	RADDAT			000000		23005600
005700+D	lenVarFmtE 10I 0	RADDAT			000000		23005700
005800+	* Data	RADDAT			000000		23005800
005900+D	data 4096A	RADDAT			000000		23005900
006000+	* CHAR(*) Default reply	RADDAT			000000		23006000
006100+	* CHAR(*) Message	RADDAT			000000		23006100
006200+	* CHAR(*) Message help	RADDAT			000000		23006200
006300+	* CHAR(*) Substitution variable formats	RADDAT			000000		23006300
006400+		RADDAT			000000		23006400
006500+	/ENDIF	RADDAT			000000		23006500
001000+	/COPY QBASICS1,FDRVTVM0400	RADDAT		CPY	000000		18001000
*-----*							
	* RPG member name . . . . . : FDRVTVM0400						24
	* External name . . . . . : WSDL2RPG/QBASICS1(FDRVTVM0400)						24
	* Last change . . . . . : 07/10/14 10:43:12						24
	* Text 'description' . . . . : cpybk : QMHRTVM API - RTVM0400						24
*-----*							
000100+	/IF NOT DEFINED(rtvM0400_t)	RADDAT			000000		24000100
000200+	/DEFINE rtvM0400_t	RADDAT			000000		24000200
000300+	*=====*	RADDAT			000000		24000300
000400+	* QMHRTVM API - RTVM0400 *	RADDAT			000000		24000400
000500+	*=====*	RADDAT			000000		24000500
000600+		RADDAT			000000		24000600
000700+D	rtvM0400_t DS qualified based(pDummy)	RADDAT			000000		24000700
000800+	* Bytes returned	RADDAT			000000		24000800
000900+D	bytRet 10I 0	RADDAT			000000		24000900
001000+	* Bytes available	RADDAT			000000		24001000
001100+D	bytAvl 10I 0	RADDAT			000000		24001100
001200+	* Message severity	RADDAT			000000		24001200
001300+D	msgSev 10I 0	RADDAT			000000		24001300
001400+	* Alert index	RADDAT			000000		24001400
001500+D	altIdx 10I 0	RADDAT			000000		24001500
001600+	* Alert Option	RADDAT			000000		24001600
001700+D	altOpt 9A	RADDAT			000000		24001700
001800+	* Log indicator	RADDAT			000000		24001800
001900+D	logInd 1A	RADDAT			000000		24001900
002000+	* Message ID	RADDAT			000000		24002000
002100+D	msgID 7A	RADDAT			000000		24002100
002200+	* Reserved	RADDAT			000000		24002200
002300+D	reserved_01 3A	RADDAT			000000		24002300
002400+	* Nbr. of subst. var. formats	RADDAT			000000		24002400
002500+D	numVarFmt 10I 0	RADDAT			000000		24002500
002600+	* CCSID conv. stat. ind. text	RADDAT			000000		24002600
002700+D	csIndTxt 10I 0	RADDAT			000000		24002700
002800+	* CCSID conv. stat. ind. data	RADDAT			000000		24002800
002900+D	csIndDta 10I 0	RADDAT			000000		24002900
003000+	* CCSID of Text returned	RADDAT			000000		24003000
003100+D	ccsidTxt 10I 0	RADDAT			000000		24003100
003200+	* Offset of default reply	RADDAT			000000		24003200
003300+D	ofsDftR 10I 0	RADDAT			000000		24003300
003400+	* Length of default reply ret.	RADDAT			000000		24003400
003500+D	lenDftRpyR 10I 0	RADDAT			000000		24003500

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
003600+	* Length of default reply avl.				000000		24003600
003700+D	lenDftRpyA				000000		24003700
003800+	* Offset of message				000000		24003800
003900+D	ofsMsg				000000		24003900
004000+	* Length of message returned				000000		24004000
004100+D	lenMsgR				000000		24004100
004200+	* Length of message available				000000		24004200
004300+D	lenMsgA				000000		24004300
004400+	* Offset of message				000000		24004400
004500+D	ofsMsgHlp				000000		24004500
004600+	* Length of message help ret.				000000		24004600
004700+D	lenMsgHlpR				000000		24004700
004800+	* Length of message help avl.				000000		24004800
004900+D	lenMsgHlpA				000000		24004900
005000+	* Ofs. of subst. var. formats				000000		24005000
005100+D	ofsVarFmt				000000		24005100
005200+	* Length subst. var. fmt. ret.				000000		24005200
005300+D	lenVarFmtR				000000		24005300
005400+	* Length subst. var. fmt. avl.				000000		24005400
005500+D	lenVarFmtA				000000		24005500
005600+	* Length subst. var. element				000000		24005600
005700+D	lenVarFmtE				000000		24005700
005800+	* Reply type				000000		24005800
005900+D	rpyType				000000		24005900
006000+	* Reserved				000000		24006000
006100+D	reserved_02				000000		24006100
006200+	* Maximum reply length				000000		24006200
006300+D	maxRpyLen				000000		24006300
006400+	* Maximum reply decimal positions				000000		24006400
006500+D	maxRpyDecPos				000000		24006500
006600+	* Offset of valid reply value entries				000000		24006600
006700+D	ofsRpyE				000000		24006700
006800+	* Number of valid reply values entries returned				000000		24006800
006900+D	numRpyER				000000		24006900
007000+	* Length of valid reply value entries returned				000000		24007000
007100+D	lenRpyER				000000		24007100
007200+	* Length of valid reply value entries available				000000		24007200
007300+D	lenRpyEA				000000		24007300
007400+	* Length of valid reply value entry				000000		24007400
007500+D	lenRpyE				000000		24007500
007600+	* Offset of special reply value entries				000000		24007600
007700+D	ofsSpcRpyE				000000		24007700
007800+	* Number of special reply values returned				000000		24007800
007900+D	numSpcRpyER				000000		24007900
008000+	* Length of special reply value entries returned				000000		24008000
008100+D	lenSpcRpyER				000000		24008100
008200+	* Length of special reply value entries available				000000		24008200
008300+D	lenSpcRpyEA				000000		24008300
008400+	* Length of special reply value entry				000000		24008400
008500+D	lenSpcRpyE				000000		24008500
008600+	* Offset of lower range reply value				000000		24008600
008700+D	ofsLowRpyE				000000		24008700
008800+	* Length of lower range reply value returned				000000		24008800
008900+D	lenLowRpyER				000000		24008900
009000+	* Length of lower range reply value available				000000		24009000
009100+D	lenLowRpyEA				000000		24009100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
009200+	* Offset of upper range reply value	RADDAT			000000		24009200
009300+D	ofsUpRpyE 10I 0	RADDAT			000000		24009300
009400+	* Length of upper range reply value returned	RADDAT			000000		24009400
009500+D	ofsUpRpyER 10I 0	RADDAT			000000		24009500
009600+	* Length of upper range reply value available	RADDAT			000000		24009600
009700+D	ofsUpRpyEA 10I 0	RADDAT			000000		24009700
009800+	* Offset of relational test entry	RADDAT			000000		24009800
009900+D	ofsRelTestE 10I 0	RADDAT			000000		24009900
010000+	* Length of relational test entry returned	RADDAT			000000		24010000
010100+D	lenRelTestER 10I 0	RADDAT			000000		24010100
010200+	* Length of relational test entry available	RADDAT			000000		24010200
010300+D	lenRelTestEA 10I 0	RADDAT			000000		24010300
010400+	* Message creation date	RADDAT			000000		24010400
010500+D	crtDate 7A	RADDAT			000000		24010500
010600+	* Reserved	RADDAT			000000		24010600
010700+D	reserved_03 1A	RADDAT			000000		24010700
010800+	* Message creation level number	RADDAT			000000		24010800
010900+D	crtLvlNbr 10I 0	RADDAT			000000		24010900
011000+	* Message modification date	RADDAT			000000		24011000
011100+D	modDate 7A	RADDAT			000000		24011100
011200+	* Reserved	RADDAT			000000		24011200
011300+D	reserved_04 1A	RADDAT			000000		24011300
011400+	* Message modification level number	RADDAT			000000		24011400
011500+D	modLvlNbr 10I 0	RADDAT			000000		24011500
011600+	* Stored CCSID of message	RADDAT			000000		24011600
011700+D	storedCCSID 10I 0	RADDAT			000000		24011700
011800+	* Offset of dump list entries	RADDAT			000000		24011800
011900+D	ofsDmpListE 10I 0	RADDAT			000000		24011900
012000+	* Number of dump list entries returned	RADDAT			000000		24012000
012100+D	numDmpListER 10I 0	RADDAT			000000		24012100
012200+	* Length of dump list entries returned	RADDAT			000000		24012200
012300+D	lenDmpListER 10I 0	RADDAT			000000		24012300
012400+	* Length of dump list entries available	RADDAT			000000		24012400
012500+D	lenDmpListEA 10I 0	RADDAT			000000		24012500
012600+	* Default program name	RADDAT			000000		24012600
012700+D	dftPgmName 10A	RADDAT			000000		24012700
012800+	* Default program library name	RADDAT			000000		24012800
012900+D	dftPgmLib 10A	RADDAT			000000		24012900
013000+	* Data	RADDAT			000000		24013000
013100+D	data 4096A	RADDAT			000000		24013100
013200+	* CHAR(*) Default reply	RADDAT			000000		24013200
013300+	* CHAR(*) Message	RADDAT			000000		24013300
013400+	* CHAR(*) Message help	RADDAT			000000		24013400
013500+	* CHAR(*) Substitution variable formats	RADDAT			000000		24013500
013600+	* CHAR(*) Valid reply value entries	RADDAT			000000		24013600
013700+	* CHAR(*) Special reply value entries	RADDAT			000000		24013700
013800+	* CHAR(*) Lower range reply value	RADDAT			000000		24013800
013900+	* CHAR(*) Upper range reply value	RADDAT			000000		24013900
014000+	* CHAR(*) Relational test entry	RADDAT			000000		24014000
014100+	* CHAR(*) Dump list entries	RADDAT			000000		24014100
014200+		RADDAT			000000		24014200
014300+	/ENDIF	RADDAT			000000		24014300
001100+	*	RADDAT			000000		18001100
001200+	* Constants	RADDAT			000000		18001200
001300+	*	RADDAT			000000		18001300
001400+	* Message ID special values:	RADDAT			000000		18001400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
001500+D	cMSG_ID_OK C	const('*OK')			000000		18001500
001600+D	cMSG_ID_NONE C	const('')			000000		18001600
001700+D	cMSG_ID_NULL C	const('*NULL')			000000		18001700
001800+ *					RADDAT		18001800
001900+ *	Parameter: Stack Counter				RADDAT		18001900
002000+D	cMsg_AllInact C	const(-4)	- / - /rmv		RADDAT		18002000
002100+D	cMsg_Ext C	const(-1)	snd/rcv/rmv		RADDAT		18002100
002200+D	cMsg_Priv C	const(-2)	snd/rcv/rmv		RADDAT		18002200
002300+D	cMsg_Same C	const(-3)	snd/rcv/rmv		RADDAT		18002300
002400+ *					RADDAT		18002400
002500+ *	Parameter: Procedure				RADDAT		18002500
002600+D	cMsg_ToMyself C	const('*')	snd/rcv/rmv		RADDAT		18002600
002700+D	cMsg_ToPgmBdy C	const('*PGMBDY')	snd/ - / -		RADDAT		18002700
002800+D	cMsg_ToCtlBdy C	const('*CTLBDY')	snd/ - / -		RADDAT		18002800
002900+D	cMsg_ToPgm C	const('*PGMNAME')	snd/ - / -		RADDAT		18002900
003000+ *					RADDAT		18003000
003100+ *	Parameter: Message Type						18003100
003200+D	cMsg_Any C	const('*ANY')	- /rcv/ -		RADDAT		18003200
003300+D	cMsg_Comp C	const('*COMP')	snd/rcv/ -		RADDAT		18003300
003400+D	cMsg_Copy C	const('*COPY')	- /rcv/ -		RADDAT		18003400
003500+D	cMsg_Diag C	const('*DIAG')	snd/rcv/ -		RADDAT		18003500
003600+D	cMsg_Escape C	const('*ESCAPE')	snd/rcv/ -		RADDAT		18003600
003700+D	cMsg_Escp C	const('*EXCP')	- /rcv/ -		RADDAT		18003700
003800+D	cMsg_First C	const('*FIRST')	- /rcv/ -		RADDAT		18003800
003900+D	cMsg_Info C	const('*INFO')	snd/rcv/ -		RADDAT		18003900
004000+D	cMsg_Inq C	const('*INQ')	snd/ - / -		RADDAT		18004000
004100+D	cMsg_Last C	const('*LAST')	--/rcv/ -		RADDAT		18004100
004200+D	cMsg_Next C	const('*NEXT')	--/rcv/ -		RADDAT		18004200
004300+D	cMsg_Notify C	const('*NOTIFY')	snd/rcv/ -		RADDAT		18004300
004400+D	cMsg_Previous C	const('*PRV')	--/rcv/ -		RADDAT		18004400
004500+D	cMsg_Rpy C	const('*RPY')	--/rcv/ -		RADDAT		18004500
004600+D	cMsg_Rqs C	const('*RQS')	snd/rcv/ -		RADDAT		18004600
004700+D	cMsg_Status C	const('*STATUS')	snd/ - / -		RADDAT		18004700
004800+ *					RADDAT		18004800
004900+ *	Parameter: Action				RADDAT		18004900
005000+D	cMsg_Act_Old C	const('*OLD')	- /rcv/ -		RADDAT		18005000
005100+D	cMsg_Act_Rmv C	const('*REMOVE')	- /rcv/ -		RADDAT		18005100
005200+D	cMsg_Act_Same C	const('*SAME')	- /rcv/ -		RADDAT		18005200
005300+ *					RADDAT		18005300
005400+ *	Parameter: Message to remove				RADDAT		18005400
005500+D	cMsg_Rmv_All C	const('*ALL')	- / - /rmv		RADDAT		18005500
005600+D	cMsg_Rmv_ByKey C	const('*BYKEY')	- / - /rmv		RADDAT		18005600
005700+D	cMsg_Rmv_New C	const('*NEW')	- / - /rmv		RADDAT		18005700
005800+D	cMsg_Rmv_Old C	const('*OLD')	- / - /rmv		RADDAT		18005800
005900+D	cMsg_Rmv_Scope C	const('*SCOPE')	- / - /rmv		RADDAT		18005900
006000+ *					RADDAT		18006000
006100+ *	Retrieve message help text				RADDAT		18006100
006200+D	cMsg_RtnCtrlChar_Yes...				RADDAT		18006200
006300+D	C	const('*YES')			RADDAT		18006300
006400+D	cMsg_RtnCtrlChar_No...				RADDAT		18006400
006500+D	C	const('*NO')			RADDAT		18006500
006600+ *					RADDAT		18006600
006700+ *	Sets the application message file.				RADDAT		18006700
006800+D	p_setAppMsgFile...				RADDAT		18006800
006900+D	PR				RADDAT		18006900
007000+D		extproc('BASICS1R1+			RADDAT		18007000

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Number	1...10		Num	Line	Date	Id	Number
007100+D		_p_setAppMsgFile+			000000		18007100
007200+D		)			000000		18007200
007300+D	i_file	10A const options(*nopass)			000000		18007300
007400+D	i_lib	10A const options(*nopass)			000000		18007400
007500+ *					000000		18007500
007600+ *	Creates a new message.				000000		18007600
007700+D	f_newMsg...				000000		18007700
007800+D	PR	likeds(msg_t )			000000		18007800
007900+D		extproc('BASICS1R1+			000000		18007900
008000+D		_f_newMsg+			000000		18008000
008100+D		)			000000		18008100
008200+D	i_ID	const like(msg_t.id )			000000		18008200
008300+D		options(*omit: *nopass)			000000		18008300
008400+D	i_data	512A const varying			000000		18008400
008500+D		options(*omit: *nopass)			000000		18008500
008600+D	i_type	const like(msg_t.type )			000000		18008600
008700+D		options(*omit: *nopass)			000000		18008700
008800+D	i_file	const like(msg_t.file )			000000		18008800
008900+D		options(*omit: *nopass)			000000		18008900
009000+D	i_lib	const like(msg_t.lib )			000000		18009000
009100+D		options(*omit: *nopass)			000000		18009100
009200+ *					000000		18009200
009300+ *	Sends a program message.				000000		18009300
009400+D	f_sndPgmMsg...				000000		18009400
009500+D	PR	4A			000000		18009500
009600+D		extproc('BASICS1R1+			000000		18009600
009700+D		_f_sndPgmMsg+			000000		18009700
009800+D		)			000000		18009800
009900+D	i_msg	const likeds(msg_t )			000000		18009900
010000+D	i_toStkC	10I 0 const options(*nopass: *omit)			000000		18010000
010100+D	i_toProc	256A const options(*nopass: *omit)			000000		18010100
010200+D	i_toMod	10A const options(*nopass: *omit)			000000		18010200
010300+D	i_toPgm	10A const options(*nopass: *omit)			000000		18010300
010400+D	o_msg	likeds(msg_t )			000000		18010400
010500+D		options(*nopass: *omit)			000000		18010500
010600+ *					000000		18010600
010700+ *	Receives a program message.				000000		18010700
010800+D	f_rcvPgmMsg...				000000		18010800
010900+D	PR	likeds(rcvm0200_t)			000000		18010900
011000+D		extproc('BASICS1R1+			000000		18011000
011100+D		_f_rcvPgmMsg+			000000		18011100
011200+D		)			000000		18011200
011300+D	i_msgType	10A const			000000		18011300
011400+D	i_msgKey	4A const options(*nopass: *omit)			000000		18011400
011500+D	i_action	10A const options(*nopass: *omit)			000000		18011500
011600+D	i_wait	10I 0 const options(*nopass: *omit)			000000		18011600
011700+D	i_fromStkC	10I 0 const options(*nopass: *omit)			000000		18011700
011800+D	i_fromProc	256A const options(*nopass: *omit)			000000		18011800
011900+D	i_fromMod	10A const options(*nopass: *omit)			000000		18011900
012000+D	i_fromPgm	10A const options(*nopass: *omit)			000000		18012000
012100+D	o_msg	likeds(msg_t )			000000		18012100
012200+D		options(*nopass: *omit)			000000		18012200
012300+ *					000000		18012300
012400+ *	Removes a program message.				000000		18012400
012500+D	p_rmvpPgmMsg...				000000		18012500
012600+D	PR				000000		18012600

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
012700+D		extproc('BASICS1R1+			000000		18012700
012800+D		_p_rmvPgmMsg+			000000		18012800
012900+D		')			000000		18012900
013000+D	i_msgToRemove	10A const			000000		18013000
013100+D	i_msgKey	4A const options(*nopass: *omit)			000000		18013100
013200+D	i_fromStkC	10I 0 const options(*nopass: *omit)			000000		18013200
013300+D	i_fromProc	256A const options(*nopass: *omit)			000000		18013300
013400+D	i_fromMod	10A const options(*nopass: *omit)			000000		18013400
013500+D	i_fromPgm	10A const options(*nopass: *omit)			000000		18013500
013600+D	o_msg	likeds(msg_t )			000000		18013600
013700+D		options(*nopass: *omit)			000000		18013700
013800+ *					000000		18013800
013900+ *	Retrieves the message text of a given message.				000000		18013900
014000+ *	Replaces substitution variables with message data.				000000		18014000
014100+D	f_rtvMsgText...				000000		18014100
014200+D	PR	4096A varying			000000		18014200
014300+D		extproc('BASICS1R1+			000000		18014300
014400+D		_f_rtvMsgText+			000000		18014400
014500+D		')			000000		18014500
014600+D	i_msg	const likeds(msg_t )			000000		18014600
014700+D	o_msg	likeds(msg_t )			000000		18014700
014800+D		options(*nopass: *omit)			000000		18014800
014900+ *					000000		18014900
015000+ *	Retrieves the message help text of a given message.				000000		18015000
015100+ *	Replaces substitution variables with message data.				000000		18015100
015200+D	f_rtvMsgHelpText...				000000		18015200
015300+D	PR	4096A varying			000000		18015300
015400+D		extproc('BASICS1R1+			000000		18015400
015500+D		_f_rtvMsgHelpText+			000000		18015500
015600+D		')			000000		18015600
015700+D	i_msg	const likeds(msg_t )			000000		18015700
015800+D	i_rtnCtrlChr	10A const options(*nopass: *omit)			000000		18015800
015900+D	o_msg	likeds(msg_t )			000000		18015900
016000+D		options(*nopass: *omit)			000000		18016000
016100+ *					000000		18016100
016200+ *	Retrieves the message text of a given message.				000000		18016200
016300+ *	Does not replace substitution variables with message data.				000000		18016300
016400+D	f_rtvMsgTextRaw...				000000		18016400
016500+D	PR	4096A varying			000000		18016500
016600+D		extproc('BASICS1R1+			000000		18016600
016700+D		_f_rtvMsgTextRaw+			000000		18016700
016800+D		')			000000		18016800
016900+D	i_msg	const likeds(msg_t )			000000		18016900
017000+D	o_msg	likeds(msg_t )			000000		18017000
017100+D		options(*nopass: *omit)			000000		18017100
017200+ *					000000		18017200
017300+ *	Retrieves the message help text of a given message.				000000		18017300
017400+ *	Does not replace substitution variables with message data.				000000		18017400
017500+D	f_rtvMsgHelpTextRaw...				000000		18017500
017600+D	PR	4096A varying			000000		18017600
017700+D		extproc('BASICS1R1+			000000		18017700
017800+D		_f_rtvMsgHelpTextRaw+			000000		18017800
017900+D		')			000000		18017900
018000+D	i_msg	const likeds(msg_t )			000000		18018000
018100+D	i_rtnCtrlChr	10A const options(*nopass: *omit)			000000		18018100
018200+D	o_msg	likeds(msg_t )			000000		18018200



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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
018300+D	options(*nopass: *omit)				000000		18018300
018400+ *					000000		18018400
018500+ *	Converts a received message of format RCV0200 to a message.				000000		18018500
018600+D	f_cvtRcvMsgToMsg...				000000		18018600
018700+D	PR	likeds(msg_t )			000000		18018700
018800+D		extproc('BASICS1R1+			000000		18018800
018900+D		_f_cvtRcvMsgToMsg+			000000		18018900
019000+D		')			000000		18019000
019100+D	i_rcvm0200	const likeds(rcvm0200_t)			000000		18019100
019200+D	i_type	const like(msg_t.type )			000000		18019200
019300+D		options(*omit: *nopass)			000000		18019300
019400+ *					000000		18019400
019500+ *	Receives a program message and returns a message structure.				000000		18019500
019600+D	f_rcvPgmMsgObj...				000000		18019600
019700+D	PR	likeds(msg_t )			000000		18019700
019800+D		extproc('BASICS1R1+			000000		18019800
019900+D		_f_rcvPgmMsgObj+			000000		18019900
020000+D		')			000000		18020000
020100+D	i_msgType	10A const			000000		18020100
020200+D	i_msgKey	4A const options(*nopass: *omit)			000000		18020200
020300+D	i_action	10A const options(*nopass: *omit)			000000		18020300
020400+D	i_wait	10I 0 const options(*nopass: *omit)			000000		18020400
020500+D	i_fromStkC	10I 0 const options(*nopass: *omit)			000000		18020500
020600+D	i_fromProc	256A const options(*nopass: *omit)			000000		18020600
020700+D	i_fromMod	10A const options(*nopass: *omit)			000000		18020700
020800+D	i_fromPgm	10A const options(*nopass: *omit)			000000		18020800
020900+D	o_msg	likeds(msg_t )			000000		18020900
021000+D		options(*nopass: *omit)			000000		18021000
021100+ *					000000		18021100
021200+ *	Returns the sender information of a receives program message.				000000		18021200
021300+D	f_getSndInfOfRcvMsg...				000000		18021300
021400+D	PR	likeds(sndInf_t )			000000		18021400
021500+D		extproc('BASICS1R1+			000000		18021500
021600+D		_f_getSndInfOfRcvMsg+			000000		18021600
021700+D		')			000000		18021700
021800+D	i_rcvm0200	const likeds(rcvm0200_t)			000000		18021800
021900+D	o_longSndPgm	256A options(*nopass: *omit)			000000		18021900
022000+D	o_longSndPrc	256A options(*nopass: *omit)			000000		18022000
022100+D	o_msg	likeds(msg_t )			000000		18022100
022200+D		options(*nopass: *omit)			000000		18022200
022300+ *					000000		18022300
022400+ *	-----				000000		18022400
022500+ *	Imported prototypes				000000		18022500
022600+ *	-----				000000		18022600
022700+ /COPY QBASICS1,PBASICS1R2	API Error Handling				000000	CPY	18022700
*-----*							
* RPG member name . . . . . : PBASICS1R2 *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R2) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . . : SrvPgm: Basic Routines - API Error Handling cpybk *							
*-----*							
000100+ /IF NOT DEFINED(BASICS1R2)					000000		25000100
000200+ /DEFINE BASICS1R2					000000		25000200
000300+ *					000000		25000300
000400+ *	Reference fields				000000		25000400
000500+ /COPY QBASICS1,FDERRCODE					000000	CPY	25000500

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Number	1...10	Num	Line	Date	Id	Number	
-----*							
* RPG member name	FDERRCODE					26	
* External name	WSDL2RPG/QBASICS1(FDERRCODE)					26	
* Last change	07/10/14 10:43:12					26	
* Text 'description'	cpybk : API error code					26	
-----*							
000100+	/IF NOT DEFINED(errCode_t )	RADDAT			000000	26000100	
000200+	/DEFINE errCode_t	RADDAT			000000	26000200	
000300+	*=====*	RADDAT			000000	26000300	
000400+	* API error code	RADDAT			000000	26000400	
000500+	*=====*	RADDAT			000000	26000500	
000600+	D errCode_t DS qualified based(pDummy)	RADDAT			000000	26000600	
000700+	D bytPrv 10I 0	RADDAT			000000	26000700	
000800+	D bytAvl 10I 0	RADDAT			000000	26000800	
000900+	D excID 7A	RADDAT			000000	26000900	
001000+	D reserved_1 1A	RADDAT			000000	26001000	
001100+	D excDta 256A	RADDAT			000000	26001100	
001200+	*	RADDAT			000000	26001200	
001300+	/ENDIF	RADDAT			000000	26001300	
000600+	*	RADDAT			000000	25000600	
000700+	* Creates a new API error code.	RADDAT			000000	25000700	
000800+	D f_newApiErrCode...	RADDAT			000000	25000800	
000900+	PR likeds(errCode_t )	RADDAT			000000	25000900	
001000+	extproc('BASICS1R2+	RADDAT			000000	25001000	
001100+	_f_newApiErrCode+	RADDAT			000000	25001100	
001200+	')	RADDAT			000000	25001200	
001300+	D i_monMsg N const options(*nopass)	RADDAT			000000	25001300	
001400+	*	RADDAT			000000	25001400	
001500+	* Is API error?	RADDAT			000000	25001500	
001600+	D f_isApiError...	RADDAT			000000	25001600	
001700+	PR N	RADDAT			000000	25001700	
001800+	extproc('BASICS1R2+	RADDAT			000000	25001800	
001900+	_f_isApiError+	RADDAT			000000	25001900	
002000+	')	RADDAT			000000	25002000	
002100+	D i_errCode const likeds(errCode_t )	RADDAT			000000	25002100	
002200+	*	RADDAT			000000	25002200	
002300+	* Converts an API error code to a message.	RADDAT			000000	25002300	
002400+	D f_cvtApiErrCodeToMsg...	RADDAT			000000	25002400	
002500+	PR like(msg_t )	RADDAT			000000	25002500	
002600+	extproc('BASICS1R2+	RADDAT			000000	25002600	
002700+	_f_cvtApiErrCodeToMsg+	RADDAT			000000	25002700	
002800+	')	RADDAT			000000	25002800	
002900+	D i_errCode const likeds(errCode_t )	RADDAT			000000	25002900	
003000+	*	RADDAT			000000	25003000	
003100+	* Returns the C runtime error number.	RADDAT			000000	25003100	
003200+	D f_errno...	RADDAT			000000	25003200	
003300+	PR 10I 0	RADDAT			000000	25003300	
003400+	extproc('BASICS1R2+	RADDAT			000000	25003400	
003500+	_f_errno+	RADDAT			000000	25003500	
003600+	')	RADDAT			000000	25003600	
003700+	*	RADDAT			000000	25003700	
003800+	* Sets the C runtime error number to ZERO (no error).	RADDAT			000000	25003800	
003900+	D f_clrErrno...	RADDAT			000000	25003900	
004000+	PR	RADDAT			000000	25004000	
004100+	extproc('BASICS1R2+	RADDAT			000000	25004100	
004200+	_f_clrErrno+	RADDAT			000000	25004200	

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
004300+D		RADDAT			000000		25004300
004400+ *		RADDAT			000000		25004400
004500+ *	Sets the C runtime error number to a given error code.	RADDAT			000000		25004500
004600+D	f_setErrno...	RADDAT			000000		25004600
004700+D	PR	RADDAT			000000		25004700
004800+D	extproc('BASICS1R2+	RADDAT			000000		25004800
004900+D	_f_setErrno+	RADDAT			000000		25004900
005000+D	')	RADDAT			000000		25005000
005100+D	i_errno 10I 0 const	RADDAT			000000		25005100
005200+ *		RADDAT			000000		25005200
005300+ *	Returns the message text of a C runtime error number.	RADDAT			000000		25005300
005400+D	f_strerror...	RADDAT			000000		25005400
005500+D	PR 128A varying	RADDAT			000000		25005500
005600+D	extproc('BASICS1R2+	RADDAT			000000		25005600
005700+D	_f_strerror+	RADDAT			000000		25005700
005800+D	')	RADDAT			000000		25005800
005900+D	i_errno 10I 0 const	RADDAT			000000		25005900
006000+ *		RADDAT			000000		25006000
006100+ *	Converts a C runtime error number to a message.	RADDAT			000000		25006100
006200+D	f_cvtErrnoToMsg...	RADDAT			000000		25006200
006300+D	PR like(msg_t )	RADDAT			000000		25006300
006400+D	extproc('BASICS1R2+	RADDAT			000000		25006400
006500+D	_f_cvtErrnoToMsg+				000000		25006500
006600+D	')	RADDAT			000000		25006600
006700+D	i_errno 10I 0 const	RADDAT			000000		25006700
006800+ *		RADDAT			000000		25006800
006900+ *	-----	RADDAT			000000		25006900
007000+ *	Imported prototypes	RADDAT			000000		25007000
007100+ *	-----	RADDAT			000000		25007100
007200+ /COPY QBASICS1,PBASICS1R1	Messages	RADDAT	CPY		000000		25007200
*-----*							
	* RPG member name . . . . . : PBASICS1R1						27
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R1)						27
	* Last change . . . . . : 07/10/14 10:43:13						27
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Messages cpybk						27
*-----*							
000100+ /IF NOT DEFINED(PBASICS1R1)					000000		27000100
	LINES EXCLUDED: 229						
023100+ /ENDIF		RADDAT			000000		27023100
007300+ *		RADDAT			000000		25007300
007400+ /ENDIF		RADDAT			000000		25007400
022800+ /COPY QBASICS1,PBASICS1R4	Assert/THIS	RADDAT	CPY		000000		18022800
*-----*							
	* RPG member name . . . . . : PBASICS1R4						28
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R4)						28
	* Last change . . . . . : 07/10/14 10:43:13						28
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Assert/This/Caller cpybk						28
*-----*							
000100+ /IF NOT DEFINED(BASICS1R4)					000000		28000100
000200+ /DEFINE BASICS1R4					000000		28000200
000300+ *		RADDAT			000000		28000300
000400+ *	RPG equivalent of the C Assert macro.	RADDAT			000000		28000400
000500+D	p_assert...	RADDAT			000000		28000500
000600+D	PR	RADDAT			000000		28000600
000700+D	extproc('BASICS1R4+	RADDAT			000000		28000700
000800+D	_p_assert+	RADDAT			000000		28000800

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
000900+D		RADDAT			000000		28000900
001000+D	i_condition N const	RADDAT			000000		28001000
001100+D	i_msgText 128A const options(*nopass)	RADDAT			000000		28001100
001200+ *		RADDAT			000000		28001200
001300+ *	Returns the procedure, module and program name	RADDAT			000000		28001300
001400+ *	of the current procedure.	RADDAT			000000		28001400
001500+D	f_this...				000000		28001500
001600+D	PR 256A varying	RADDAT			000000		28001600
001700+D	extproc('BASICS1R4+	RADDAT			000000		28001700
001800+D	_f_this+				000000		28001800
001900+D	')	RADDAT			000000		28001900
002000+D	o_module 10A options(*nopass: *omit)	RADDAT			000000		28002000
002100+D	o_program 10A options(*nopass: *omit)	RADDAT			000000		28002100
002200+D	o_stmtID 10A options(*nopass: *omit)	RADDAT			000000		28002200
002300+ *		RADDAT			000000		28002300
002400+ *	Returns the procedure, module and program name	RADDAT			000000		28002400
002500+ *	that called the current procedure.	RADDAT			000000		28002500
002600+D	f_caller...	RADDAT			000000		28002600
002700+D	PR 256A varying	RADDAT			000000		28002700
002800+D	extproc('BASICS1R4+	RADDAT			000000		28002800
002900+D	_f_caller+	RADDAT			000000		28002900
003000+D	')	RADDAT			000000		28003000
003100+D	o_module 10A options(*nopass: *omit)	RADDAT			000000		28003100
003200+D	o_program 10A options(*nopass: *omit)	RADDAT			000000		28003200
003300+D	o_stmtID 10A options(*nopass: *omit)	RADDAT			000000		28003300
003400+D	i_offset 3I 0 const options(*nopass: *omit)	RADDAT			000000		28003400
003500+ *		RADDAT			000000		28003500
003600+ *	-----	RADDAT			000000		28003600
003700+ *	Imported prototypes	RADDAT			000000		28003700
003800+ *	-----	RADDAT			000000		28003800
003900+ /COPY QBASICS1,PBASICS1R2	API Error Handling	RADDAT	CPY		000000		28003900
*-----*							
* RPG member name . . . . .	: PBASICS1R2	*					29
* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R2)	*					29
* Last change . . . . .	: 07/10/14 10:43:13	*					29
* Text 'description' . . . . .	: SrvPgm: Basic Routines - API Error Handling cpybk	*					29
*-----*							
000100+ /IF NOT DEFINED(BASICS1R2)					000000		29000100
LINES EXCLUDED: 72							
007400+ /ENDIF		RADDAT			000000		29007400
004000+ /COPY QBASICS1,PBASICS1R5	Objects	RADDAT	CPY		000000		28004000
*-----*							
* RPG member name . . . . .	: PBASICS1R5	*					30
* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R5)	*					30
* Last change . . . . .	: 07/10/14 10:43:13	*					30
* Text 'description' . . . . .	: SrvPgm: Basic Routines - Objects cpybk	*					30
*-----*							
000100+ /IF NOT DEFINED(BASICS1R5)					000000		30000100
000200+ /DEFINE BASICS1R5					000000		30000200
000300+ *		RADDAT			000000		30000300
000400+ *	Reference fields	RADDAT			000000		30000400
000500+ /COPY QBASICS1,FDQOBJ		RADDAT	CPY		000000		30000500
*-----*							
* RPG member name . . . . .	: FDQOBJ	*					31
* External name . . . . .	: WSDL2RPG/QBASICS1(FDQOBJ)	*					31
* Last change . . . . .	: 07/10/14 10:43:12	*					31

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1	* Text 'description' . . . . : cpybk : Qualified object name						31
000100+	/IF NOT DEFINED(qObj_t )	RADDAT			000000		31000100
000200+	/DEFINE qObj_t	RADDAT			000000		31000200
000300+	* ===== *	RADDAT			000000		31000300
000400+	* Qualified object name	RADDAT			000000		31000400
000500+	* ===== *	RADDAT			000000		31000500
000600+	*	RADDAT			000000		31000600
000700+D	qObj_t DS qualified based(pDummy)	RADDAT			000000		31000700
000800+D	name 10A	RADDAT			000000		31000800
000900+D	lib 10A	RADDAT			000000		31000900
001000+	*	RADDAT			000000		31001000
001100+	/ENDIF	RADDAT			000000		31001100
000600+	/COPY QBASICS1,FDOBJD0100	RADDAT	CPY		000000		30000600
	* ===== *						
	* RPG member name . . . . . : FDOBJD0100						32
	* External name . . . . . : WSDL2RPG/QBASICS1(FDOBJD0100)						32
	* Last change . . . . . : 07/10/14 10:43:12						32
	* Text 'description' . . . . : cpybk : QUSROBJD API - OBJD0100						32
	* ===== *						
000100+	/IF NOT DEFINED(objd0100_t)	RADDAT			000000		32000100
000200+	/DEFINE objd0100_t	RADDAT			000000		32000200
000300+	* ===== *	RADDAT			000000		32000300
000400+	* QUSROBJD API - OBJD0300	RADDAT			000000		32000400
000500+	* ===== *	RADDAT			000000		32000500
000600+	*	RADDAT			000000		32000600
000700+D	objd0100_t DS qualified based(pDummy)	RADDAT			000000		32000700
000800+D	bytRet 10I 0	RADDAT			000000		32000800
000900+D	bytAvl 10I 0	RADDAT			000000		32000900
001000+D	name 10A	RADDAT			000000		32001000
001100+D	lib 10A	RADDAT			000000		32001100
001200+D	type 10A	RADDAT			000000		32001200
001300+D	rtnLib 10A	RADDAT			000000		32001300
001400+D	auxStgP 10I 0	RADDAT			000000		32001400
001500+D	owner 10A	RADDAT			000000		32001500
001600+D	domain 2A	RADDAT			000000		32001600
001700+D	crtDatTim 13A	RADDAT			000000		32001700
001800+D	chgDatTim 13A	RADDAT			000000		32001800
001900+	*	RADDAT			000000		32001900
002000+	/ENDIF	RADDAT			000000		32002000
000700+	/COPY QBASICS1,FDMBRD0100	RADDAT	CPY		000000		30000700
	* ===== *						
	* RPG member name . . . . . : FDMBRD0100						33
	* External name . . . . . : WSDL2RPG/QBASICS1(FDMBRD0100)						33
	* Last change . . . . . : 07/10/14 10:43:12						33
	* Text 'description' . . . . : cpybk : QUSRMBRD API - MBRD0100						33
	* ===== *						
000100+	/IF NOT DEFINED(mbrd0100_t)	RADDAT			000000		33000100
000200+	/DEFINE mbrd0100_t	RADDAT			000000		33000200
000300+	* ===== *	RADDAT			000000		33000300
000400+	* QUSRMBRD API - MBRD0100	RADDAT			000000		33000400
000500+	* ===== *	RADDAT			000000		33000500
000600+D	mbrd0100_t DS qualified based(pDummy)	RADDAT			000000		33000600
000700+D	bytePrv 10I 0	RADDAT			000000		33000700
000800+D	byteAvl 10I 0	RADDAT			000000		33000800
000900+D	filNme 10A	RADDAT			000000		33000900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
001000+D	filLib	10A			RADDAT	000000	33001000
001100+D	mbr	10A			RADDAT	000000	33001100
001200+D	attr	10A			RADDAT	000000	33001200
001300+D	srcTyp	10A			RADDAT	000000	33001300
001400+D	crtDatTim	13A			RADDAT	000000	33001400
001500+D	chgDatTim	13A			RADDAT	000000	33001500
001600+D	text	50A			RADDAT	000000	33001600
001700+D	isSrcFile	1A			RADDAT	000000	33001700
001800+ *					RADDAT	000000	33001800
001900+ /ENDIF					RADDAT	000000	33001900
000800+ /COPY QBASICS1,FDMBRD0200					RADDAT	000000	30000800
-----*							
* RPG member name . . . . . : FDMBRD0200							34
* External name . . . . . : WSDL2RPG/QBASICS1(FDMBRD0200)							34
* Last change . . . . . : 07/10/14 10:43:12							34
* Text 'description' . . . . : cpybk : QUSRMBRD API - MBRD0200							34
-----*							
000100+ /IF NOT DEFINED(mbrd0200_t)					RADDAT	000000	34000100
000200+ /DEFINE mbrd0200_t					RADDAT	000000	34000200
000300+ *					RADDAT	000000	34000300
000400+ * QUSRMBRD API - MBRD0200					RADDAT	000000	34000400
000500+ *					RADDAT	000000	34000500
000600+D mbrd0200_t	DS	qualified	based(pDummy)		RADDAT	000000	34000600
000700+D bytePrv	10I 0				RADDAT	000000	34000700
000800+D byteAvl	10I 0				RADDAT	000000	34000800
000900+D filNme	10A				RADDAT	000000	34000900
001000+D filLib	10A				RADDAT	000000	34001000
001100+D mbr	10A				RADDAT	000000	34001100
001200+D attr	10A				RADDAT	000000	34001200
001300+D srcTyp	10A				RADDAT	000000	34001300
001400+D crtDatTim	13A				RADDAT	000000	34001400
001500+D chgDatTim	13A				RADDAT	000000	34001500
001600+D text	50A				RADDAT	000000	34001600
001700+D isSrcFile	1A				RADDAT	000000	34001700
001800+ * - - - - -					RADDAT	000000	34001800
001900+D rmtFile	1A				RADDAT	000000	34001900
002000+D lglFile	1A				RADDAT	000000	34002000
002100+D odpSharing	1A				RADDAT	000000	34002100
002200+D reserved_1	2A				RADDAT	000000	34002200
002300+D numRcdAllMbr	10I 0				RADDAT	000000	34002300
002400+D numDltRcd	10I 0				RADDAT	000000	34002400
002500+D dtaSpcSize	10I 0				RADDAT	000000	34002500
002600+D accPthSize	10I 0				RADDAT	000000	34002600
002700+D numPhyMbrs	10I 0				RADDAT	000000	34002700
002800+D mbrChgDatTim	13A				RADDAT	000000	34002800
002900+D mbrSavDatTim	13A				RADDAT	000000	34002900
003000+D mbrRstDatTim	13A				RADDAT	000000	34003000
003100+D mbrExpDate	7A				RADDAT	000000	34003100
003200+D reserved_2	6A				RADDAT	000000	34003200
003300+D numDaysUsed	10I 0				RADDAT	000000	34003300
003400+D dateLastUsed	7A				RADDAT	000000	34003400
003500+D useResetDate	7A				RADDAT	000000	34003500
003600+D reserved_3	2A				RADDAT	000000	34003600
003700+D dtaSpcSizeMult	10I 0				RADDAT	000000	34003700
003800+D accPthSizeMult	10I 0				RADDAT	000000	34003800
003900+D mbrTextCCSID	10I 0				RADDAT	000000	34003900

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
004000+D	ofsAddInf	10I 0			RADDAT	000000	34004000
004100+D	lenAddInf	10I 0			RADDAT	000000	34004100
004200+D	numRcdAllMbrU	10U 0			RADDAT	000000	34004200
004300+D	numDltRcdU	10U 0			RADDAT	000000	34004300
004400+D	reserved_4	6A			RADDAT	000000	34004400
004500+ *					RADDAT	000000	34004500
004600+ /ENDIF					RADDAT	000000	34004600
000900+ *					RADDAT	000000	30000900
001000+D	qProc_t DS	qualified based(pDummy)			RADDAT	000000	30001000
001100+D	name	256A varying			RADDAT	000000	30001100
001200+D	module	10A			RADDAT	000000	30001200
001300+D	qPgm	likeds(qObj_t)			RADDAT	000000	30001300
001400+ *					RADDAT	000000	30001400
001500+D	actSrvPgm_t DS	qualified based(pDummy)			RADDAT	000000	30001500
001600+D	procptr	* procptr			RADDAT	000000	30001600
001700+D	actMark	10I 0			RADDAT	000000	30001700
001800+D	name	10A			RADDAT	000000	30001800
001900+D	lib	10A			RADDAT	000000	30001900
002000+ *					RADDAT	000000	30002000
002100+D	actProc_t DS	qualified based(pDummy)			RADDAT	000000	30002100
002200+D	procptr	* procptr			RADDAT	000000	30002200
002300+D	actMark	10I 0			RADDAT	000000	30002300
002400+D	name	256A varying			RADDAT	000000	30002400
002500+D	srvPgm	10A			RADDAT	000000	30002500
002600+D	lib	10A			RADDAT	000000	30002600
002700+ *					RADDAT	000000	30002700
002800+ *	Checks object existence.					000000	30002800
002900+D	f_exist...				RADDAT	000000	30002900
003000+D	PR N				RADDAT	000000	30003000
003100+D		extproc('BASICS1R5+			RADDAT	000000	30003100
003200+D		_f_exist+			RADDAT	000000	30003200
003300+D		')			RADDAT	000000	30003300
003400+D	i_obj	10A const			RADDAT	000000	30003400
003500+D	i_lib	10A const options(*omit)			RADDAT	000000	30003500
003600+D	i_type	10A const			RADDAT	000000	30003600
003700+D	i_mbr	10A const options(*nopass)			RADDAT	000000	30003700
003800+ *					RADDAT	000000	30003800
003900+ *	Retrieve object description.				RADDAT	000000	30003900
004000+D	f_rtvObjD...				RADDAT	000000	30004000
004100+D	PR 1024A				RADDAT	000000	30004100
004200+D		extproc('BASICS1R5+			RADDAT	000000	30004200
004300+D		_f_rtvObjD+			RADDAT	000000	30004300
004400+D		')			RADDAT	000000	30004400
004500+D	i_obj	10A const			RADDAT	000000	30004500
004600+D	i_lib	10A const options(*omit)			RADDAT	000000	30004600
004700+D	i_type	10A const			RADDAT	000000	30004700
004800+D	i_format	8A const options(*nopass: *omit)			RADDAT	000000	30004800
004900+D	o_msg	likeds(msg_t)			RADDAT	000000	30004900
005000+D		options(*nopass: *omit)			RADDAT	000000	30005000
005100+ *					RADDAT	000000	30005100
005200+ *	Retrieve member description.				RADDAT	000000	30005200
005300+D	f_rtvMbrD...				RADDAT	000000	30005300
005400+D	PR 1024A				RADDAT	000000	30005400
005500+D		extproc('BASICS1R5+			RADDAT	000000	30005500
005600+D		_f_rtvMbrD+			RADDAT	000000	30005600
005700+D		')			RADDAT	000000	30005700

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
005800+D	i_file	10A const			000000		30005800
005900+D	i_lib	10A const options(*omit)			000000		30005900
006000+D	i_mbr	10A const			000000		30006000
006100+D	i_format	8A const options(*nopass: *omit)			000000		30006100
006200+D	o_msg				000000		30006200
006300+D		options(*nopass: *omit)			000000		30006300
006400+ *					000000		30006400
006500+ *	Produces a temporary object name.				000000		30006500
006600+D	f_getTmpName...				000000		30006600
006700+D	PR	like(qObj_t )			000000		30006700
006800+D		extproc('BASICS1R5+			000000		30006800
006900+D		_f_getTmpName+			000000		30006900
007000+D		')			000000		30007000
007100+ *					000000		30007100
007200+ *	Produces a unique object name. (experimental)				000000		30007200
007300+D	f_getUniqueName...				000000		30007300
007400+D	PR	like(qObj_t )			000000		30007400
007500+D		extproc('BASICS1R5+			000000		30007500
007600+D		_f_getUniqueName+			000000		30007600
007700+D		')			000000		30007700
007800+D	i_type	10A const			000000		30007800
007900+D	i_lib	10A const			000000		30007900
008000+ *					000000		30008000
008100+ *	Creates a user space.				000000		30008100
008200+D	f_crtUsrSpc...				000000		30008200
008300+D	PR	N			000000		30008300
008400+D		extproc('BASICS1R5+			000000		30008400
008500+D		_f_crtUsrSpc+			000000		30008500
008600+D		')			000000		30008600
008700+D	i_usrSpc	10A const			000000		30008700
008800+D	i_lib	10A const			000000		30008800
008900+D	i_text	50A const options(*omit: *nopass)			000000		30008900
009000+D	i_size	10U 0 const options(*omit: *nopass)			000000		30009000
009100+D	i_extAtr	10A const options(*omit: *nopass)			000000		30009100
009200+D	i_pubAuth	10A const options(*omit: *nopass)			000000		30009200
009300+D	o_msg				000000		30009300
009400+D		options(*nopass: *omit)			000000		30009400
009500+ *					000000		30009500
009600+ *	Retrieves a pointer to the content of a user space.				000000		30009600
009700+D	f_rtvUsrSpcPtr...				000000		30009700
009800+D	PR	*			000000		30009800
009900+D		extproc('BASICS1R5+			000000		30009900
010000+D		_f_rtvUsrSpcPtr+			000000		30010000
010100+D		')			000000		30010100
010200+D	i_usrSpc	10A const			000000		30010200
010300+D	i_lib	10A const options(*nopass: *omit)			000000		30010300
010400+D	o_msg				000000		30010400
010500+D		options(*nopass: *omit)			000000		30010500
010600+ *					000000		30010600
010700+ *	Returns the current size of a given user space.				000000		30010700
010800+D	f_getUsrSpcSize...				000000		30010800
010900+D	PR	10I 0			000000		30010900
011000+D		extproc('BASICS1R5+			000000		30011000
011100+D		_f_getUsrSpcSize+			000000		30011100
011200+D		')			000000		30011200
011300+D	i_usrSpc	10A const			000000		30011300



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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
011400+D	i_lib	10A const options(*nopass: *omit)			000000		30011400
011500+D	o_msg	likes(msg_t )			000000		30011500
011600+D		options(*nopass: *omit)			000000		30011600
011700+ *					000000		30011700
011800+ *	Returns cTrue if the user space is extended automatically by the				000000		30011800
011900+ *	system when the end of the space is encountered.				000000		30011900
012000+D	f_getUsrSpcAutoExt...				000000		30012000
012100+D	PR N				000000		30012100
012200+D		extproc('BASICS1R5+			000000		30012200
012300+D		_f_getUsrSpcAutoExt+			000000		30012300
012400+D		')			000000		30012400
012500+D	i_usrSpc	10A const			000000		30012500
012600+D	i_lib	10A const options(*nopass: *omit)			000000		30012600
012700+D	o_msg	likes(msg_t )			000000		30012700
012800+D		options(*nopass: *omit)			000000		30012800
012900+ *					000000		30012900
013000+ *	Returns the initial value of a given user space.				000000		30013000
013100+D	f_getUsrSpcInitValue...				000000		30013100
013200+D	PR 1A	varying			000000		30013200
013300+D		extproc('BASICS1R5+			000000		30013300
013400+D		_f_getUsrSpcInitValue+			000000		30013400
013500+D		')			000000		30013500
013600+D	i_usrSpc	10A const			000000		30013600
013700+D	i_lib	10A const options(*nopass: *omit)			000000		30013700
013800+D	o_msg	likes(msg_t )			000000		30013800
013900+D		options(*nopass: *omit)			000000		30013900
014000+ *					000000		30014000
014100+ *	Changes the size of a given user space.				000000		30014100
014200+D	f_chgUsrSpcSize...				000000		30014200
014300+D	PR 10I 0				000000		30014300
014400+D		extproc('BASICS1R5+			000000		30014400
014500+D		_f_chgUsrSpcSize+			000000		30014500
014600+D		')			000000		30014600
014700+D	i_usrSpc	10A const			000000		30014700
014800+D	i_lib	10A const options(*omit)			000000		30014800
014900+D	i_size	10I 0 const			000000		30014900
015000+D	o_msg	likes(msg_t )			000000		30015000
015100+D		options(*nopass: *omit)			000000		30015100
015200+ *					000000		30015200
015300+ *	Changes the automatic extendibility of a given user space.				000000		30015300
015400+D	f_chgUsrSpcAutoExt...				000000		30015400
015500+D	PR N				000000		30015500
015600+D		extproc('BASICS1R5+			000000		30015600
015700+D		_f_chgUsrSpcAutoExt+			000000		30015700
015800+D		')			000000		30015800
015900+D	i_usrSpc	10A const			000000		30015900
016000+D	i_lib	10A const options(*omit)			000000		30016000
016100+D	i_isAutoExt	N const			000000		30016100
016200+D	o_msg	likes(msg_t )			000000		30016200
016300+D		options(*nopass: *omit)			000000		30016300
016400+ *					000000		30016400
016500+ *	Changes the initial value of a given user space.				000000		30016500
016600+D	f_chgUsrSpcInitValue...				000000		30016600
016700+D	PR 1A	varying			000000		30016700
016800+D		extproc('BASICS1R5+			000000		30016800
016900+D		_f_chgUsrSpcInitValue+			000000		30016900

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
017000+D		RADDAT			000000		30017000
017100+D	i_usrSpc 10A const	RADDAT			000000		30017100
017200+D	i_lib 10A const options(*omit)	RADDAT			000000		30017200
017300+D	i_initValue 1A const	RADDAT			000000		30017300
017400+D	o_msg	RADDAT			000000		30017400
017500+D		RADDAT			000000		30017500
017600+ *		RADDAT			000000		30017600
017700+ *	Deletes a given user space.	RADDAT			000000		30017700
017800+D	f_dltUsrSpc...	RADDAT			000000		30017800
017900+D	PR N	RADDAT			000000		30017900
018000+D		RADDAT			000000		30018000
018100+D		RADDAT			000000		30018100
018200+D		RADDAT			000000		30018200
018300+D	i_usrSpc 10A const	RADDAT			000000		30018300
018400+D	i_lib 10A const options(*nopass: *omit)	RADDAT			000000		30018400
018500+D	o_msg	RADDAT			000000		30018500
018600+D		RADDAT			000000		30018600
018700+ *		RADDAT			000000		30018700
018800+ *	Activates a service program.	RADDAT			000000		30018800
018900+D	f_activateSrvPgm...	RADDAT			000000		30018900
019000+D	PR	RADDAT			000000		30019000
019100+D		RADDAT			000000		30019100
019200+D		RADDAT			000000		30019200
019300+D		RADDAT			000000		30019300
019400+D	i_srvPgm 10A const	RADDAT			000000		30019400
019500+D	i_lib 10A const options(*nopass: *omit)	RADDAT			000000		30019500
019600+D	o_msg	RADDAT			000000		30019600
019700+D		RADDAT			000000		30019700
019800+ *		RADDAT			000000		30019800
019900+ *	Gets a procedure pointer by name.	RADDAT			000000		30019900
020000+D	f_getProcPtrByName...	RADDAT			000000		30020000
020100+D	PR	RADDAT			000000		30020100
020200+D		RADDAT			000000		30020200
020300+D		RADDAT			000000		30020300
020400+D		RADDAT			000000		30020400
020500+D	i_proc 256A const	RADDAT			000000		30020500
020600+D	i_actSrvPgm	RADDAT			000000		30020600
020700+D	o_msg	RADDAT			000000		30020700
020800+D		RADDAT			000000		30020800
020900+ *		RADDAT			000000		30020900
021000+ *	Returns the name of the library that contains a given object.	RADDAT			000000		30021000
021100+D	f_getObjLib...	RADDAT			000000		30021100
021200+D	PR 10A	RADDAT			000000		30021200
021300+D		RADDAT			000000		30021300
021400+D		RADDAT			000000		30021400
021500+D		RADDAT			000000		30021500
021600+D	i_obj 10A const	RADDAT			000000		30021600
021700+D	i_lib 10A const options(*omit)	RADDAT			000000		30021700
021800+D	i_type 10A const	RADDAT			000000		30021800
021900+ *		RADDAT			000000		30021900
022000+ *	-----	RADDAT			000000		30022000
022100+ *	Imported prototypes	RADDAT			000000		30022100
022200+ *	-----	RADDAT			000000		30022200
022300+ /COPY QBASICS1,MILIB	MI-Library	RADDAT		CPY	000000		30022300
*-----*							
* RPG member name . . . . . : MILIB							35

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1	External name	WSDL2RPG/QBASICS1(MILIB)					35
2	Last change	07/10/14 10:43:13					35
3	Text 'description'	Prototypes for MI-Library (include)					35
000100+	/IF NOT DEFINED(MILIB)	RADDAT	DEF		000000		35000100
000200+	/DEFINE MILIB	RADDAT	DEF		000000		35000200
000300+	*	RADDAT			000000		35000300
000400+	* QSYSINC/MIH.MICOMMON: Requested Authority bitmasks and typedef	RADDAT			000000		35000400
000500+	* The bitmasks are or'd together to give	RADDAT			000000		35000500
000600+	* desired combinations	RADDAT			000000		35000600
000700+	D AUTH_OBJ_CTRL C const(x'8000')	RADDAT			000000		35000700
000800+	D AUTH_OBJ_MGMT C const(x'4000')	RADDAT			000000		35000800
000900+	D AUTH_POINTER C const(x'2000')	RADDAT			000000		35000900
001000+	D AUTH_SPACE C const(x'1000')	RADDAT			000000		35001000
001100+	D AUTH_RETRIEVE C const(x'0800')	RADDAT			000000		35001100
001200+	D AUTH_INSERT C const(x'0400')	RADDAT			000000		35001200
001300+	D AUTH_DELETE C const(x'0200')	RADDAT			000000		35001300
001400+	D AUTH_UPDATE C const(x'0100')	RADDAT			000000		35001400
001500+	D AUTH_OWNER C const(x'0080')	RADDAT			000000		35001500
001600+	D AUTH_EXCLUDED C const(x'0040')	RADDAT			000000		35001600
001700+	D AUTH_LST_MGMT C const(x'0020')	RADDAT			000000		35001700
001800+	D AUTH_EXECUTE C const(x'0010')	RADDAT			000000		35001800
001900+	D AUTH_ALTER C const(x'0008')	RADDAT			000000		35001900
002000+	D AUTH_REF C const(x'0004')	RADDAT			000000		35002000
002100+	D AUTH_ALL C const(x'FF1C')	RADDAT			000000		35002100
002200+	D AUTH_NONE C const(x'0000')	RADDAT			000000		35002200
002300+	*	RADDAT			000000		35002300
002400+	* QSYSINC/MIH.MIOBJTYP: MI Object Type	RADDAT			000000		35002400
002500+	D MI_Program C const(x'0201')	RADDAT			000000		35002500
002600+	D MI_Library C const(x'0401')	RADDAT			000000		35002600
002700+	D MI_Usrspc C const(x'1934')	RADDAT			000000		35002700
002800+	D MI_Usrq C const(x'0A02')	RADDAT			000000		35002800
002900+	D MI_Usridx C const(x'0E0A')	RADDAT			000000		35002900
003000+	D WLI_ALRTBL C const(x'0E09')	RADDAT			000000		35003000
003100+	D WLI_AUTL C const(x'1B01')	RADDAT			000000		35003100
003200+	D WLI_BLKSF C const(x'1E05')	RADDAT			000000		35003200
003300+	D WLI_BNDDIR C const(x'1937')	RADDAT			000000		35003300
003400+	D WLI_CFGL C const(x'0E0D')	RADDAT			000000		35003400
003500+	D WLI_CHTFMT C const(x'190D')	RADDAT			000000		35003500
003600+	D WLI_CLD C const(x'190B')	RADDAT			000000		35003600
003700+	D WLI_CLS C const(x'1904')	RADDAT			000000		35003700
003800+	D WLI_CMD C const(x'1905')	RADDAT			000000		35003800
003900+	D WLI_CNNL C const(x'1701')	RADDAT			000000		35003900
004000+	D WLI_COSD C const(x'1401')	RADDAT			000000		35004000
004100+	D WLI_CRG C const(x'192C')	RADDAT			000000		35004100
004200+	D WLI_CRQD C const(x'0E0F')	RADDAT			000000		35004200
004300+	D WLI_CSI C const(x'1935')	RADDAT			000000		35004300
004400+	D WLI_CSPMAP C const(x'1922')	RADDAT			000000		35004400
004500+	D WLI_CSPTBL C const(x'1923')	RADDAT			000000		35004500
004600+	D WLI_CTLD C const(x'1201')	RADDAT			000000		35004600
004700+	D WLI_DDIR C const(x'1F02')	RADDAT			000000		35004700
004800+	D WLI_DEVD C const(x'1001')	RADDAT			000000		35004800
004900+	D WLI_DIR C const(x'0C01')	RADDAT			000000		35004900
005000+	D WLI_DOC C const(x'190E')	RADDAT			000000		35005000
005100+	D WLI_DSTMF C const(x'1F01')	RADDAT			000000		35005100
005200+	D WLI_DTAARA C const(x'190A')	RADDAT			000000		35005200

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Number	1.....2.....3.....4.....5.....6.....7.....8.....9.....10		Num	Line	Date	Id	Number
005300+D	WLI_DTADCT	C	const(x'1920')		RADDAT	000000	35005300
005400+D	WLI_DTAQ	C	const(x'0A01')		RADDAT	000000	35005400
005500+D	WLI_EDTD	C	const(x'1908')		RADDAT	000000	35005500
005600+D	WLI_EXITRG	C	const(x'1913')		RADDAT	000000	35005600
005700+D	WLI_FCT	C	const(x'0E04')		RADDAT	000000	35005700
005800+D	WLI_FILE	C	const(x'1901')		RADDAT	000000	35005800
005900+D	WLI_FLR	C	const(x'1912')		RADDAT	000000	35005900
006000+D	WLI_FNTRSC	C	const(x'1926')		RADDAT	000000	35006000
006100+D	WLI_FNTTBL	C	const(x'192B')		RADDAT	000000	35006100
006200+D	WLI_FORMDF	C	const(x'1928')		RADDAT	000000	35006200
006300+D	WLI_FTR	C	const(x'0E0B')		RADDAT	000000	35006300
006400+D	WLI_GSS	C	const(x'190C')		RADDAT	000000	35006400
006500+D	WLI_IGCDCT	C	const(x'0E06')		RADDAT	000000	35006500
006600+D	WLI_IGCSRT	C	const(x'191A')		RADDAT	000000	35006600
006700+D	WLI_IGCTBL	C	const(x'1910')		RADDAT	000000	35006700
006800+D	WLI_IPXD	C	const(x'191E')		RADDAT	000000	35006800
006900+D	WLI_JOB	C	const(x'1903')		RADDAT	000000	35006900
007000+D	WLI_JOBQ	C	const(x'0E01')		RADDAT	000000	35007000
007100+D	WLI_JOBSCD	C	const(x'0E0C')		RADDAT	000000	35007100
007200+D	WLI_JRN	C	const(x'0901')		RADDAT	000000	35007200
007300+D	WLI_JRNRCV	C	const(x'0701')		RADDAT	000000	35007300
007400+D	WLI_LIB	C	const(x'0401')		RADDAT	000000	35007400
007500+D	WLI_LIND	C	const(x'1101')		RADDAT	000000	35007500
007600+D	WLI_LOCALE	C	const(x'1921')		RADDAT	000000	35007600
007700+D	WLI_MEDDFN	C	const(x'191C')		RADDAT	000000	35007700
007800+D	WLI_MENU	C	const(x'1916')		RADDAT	000000	35007800
007900+D	WLI_MGTCOL	C	const(x'192D')		RADDAT	000000	35007900
008000+D	WLI_MODD	C	const(x'1501')		RADDAT	000000	35008000
008100+D	WLI_MODULE	C	const(x'0301')		RADDAT	000000	35008100
008200+D	WLI_MSGF	C	const(x'0E03')		RADDAT	000000	35008200
008300+D	WLI_MSGQ	C	const(x'1902')		RADDAT	000000	35008300
008400+D	WLI_M36	C	const(x'1E04')		RADDAT	000000	35008400
008500+D	WLI_M36CFG	C	const(x'1924')		RADDAT	000000	35008500
008600+D	WLI_NODL	C	const(x'0E0E')		RADDAT	000000	35008600
008700+D	WLI_NTBD	C	const(x'1914')		RADDAT	000000	35008700
008800+D	WLI_NWID	C	const(x'1601')		RADDAT	000000	35008800
008900+D	WLI_NWS	C	const(x'1D01')		RADDAT	000000	35008900
009000+D	WLI_NODGRP	C	const(x'192A')		RADDAT	000000	35009000
009100+D	WLI_OOPOOL	C	const(x'2002')		RADDAT	000000	35009100
009200+D	WLI_OUTQ	C	const(x'0E02')		RADDAT	000000	35009200
009300+D	WLI_OVL	C	const(x'1929')		RADDAT	000000	35009300
009400+D	WLI_PAGDFN	C	const(x'1936')		RADDAT	000000	35009400
009500+D	WLI_PAGSEG	C	const(x'1927')		RADDAT	000000	35009500
009600+D	WLI_PDG	C	const(x'1930')		RADDAT	000000	35009600
009700+D	WLI_PGM	C	const(x'0201')		RADDAT	000000	35009700
009800+D	WLI_PNLGRP	C	const(x'1915')		RADDAT	000000	35009800
009900+D	WLI_PRDAVL	C	const(x'1933')		RADDAT	000000	35009900
010000+D	WLI_PRDDFN	C	const(x'191B')		RADDAT	000000	35010000
010100+D	WLI_PRDL	C	const(x'191D')		RADDAT	000000	35010100
010200+D	WLI_PSFCFG	C	const(x'1925')		RADDAT	000000	35010200
010300+D	WLI_QMFORM	C	const(x'1932')		RADDAT	000000	35010300
010400+D	WLI_QMQRY	C	const(x'1931')		RADDAT	000000	35010400
010500+D	WLI_QRYDFN	C	const(x'1911')		RADDAT	000000	35010500
010600+D	WLI_RCT	C	const(x'0E08')		RADDAT	000000	35010600
010700+D	WLI_S36	C	const(x'1919')		RADDAT	000000	35010700
010800+D	WLI_SBSD	C	const(x'1909')		RADDAT	000000	35010800

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
010900+D	WLI_SCHIDX C	const(x'0E07')			RADDAT	000000	35010900
011000+D	WLI_SOCKET C	const(x'1E03')			RADDAT	000000	35011000
011100+D	WLI_SOMOBJ C	const(x'2001')			RADDAT	000000	35011100
011200+D	WLI_SPADCT C	const(x'1C01')			RADDAT	000000	35011200
011300+D	WLI_SQLPKG C	const(x'0202')			RADDAT	000000	35011300
011400+D	WLI_SQLUDT C	const(x'191F')			RADDAT	000000	35011400
011500+D	WLI_SRVPGM C	const(x'0203')			RADDAT	000000	35011500
011600+D	WLI_SSND C	const(x'0E05')			RADDAT	000000	35011600
011700+D	WLI_STMF C	const(x'1E01')			RADDAT	000000	35011700
011800+D	WLI_SVRSTG C	const(x'1917')			RADDAT	000000	35011800
011900+D	WLI_SYMLNK C	const(x'1E02')			RADDAT	000000	35011900
012000+D	WLI_TBL C	const(x'1906')			RADDAT	000000	35012000
012100+D	WLI_USRPRF C	const(x'0801')			RADDAT	000000	35012100
012200+D	WLI_USRIDX C	const(x'0E0A')			RADDAT	000000	35012200
012300+D	WLI_USRQ C	const(x'0A02')			RADDAT	000000	35012300
012400+D	WLI_USRSPC C	const(x'1934')			RADDAT	000000	35012400
012500+D	WLI_VLDL C	const(x'0E10')			RADDAT	000000	35012500
012600+D	WLI_WSCST C	const(x'1938')			RADDAT	000000	35012600
012700+ *					RADDAT	000000	35012700
012800+ *	Activate Bound Program, Returned value: Activation mark				RADDAT	000000	35012800
012900+D	QleActBndPgm PR	10I 0 extproc('QleActBndPgm')			RADDAT	000000	35012900
013000+D	i_pgmPtr *	const procptr			RADDAT	000000	35013000
013100+D	i_actMark	10I 0 const options(*omit)			RADDAT	000000	35013100
013200+D	i_actInf	32767A const options(*omit: *varsize)			RADDAT	000000	35013200
013300+D	i_actInfln	10I 0 const options(*omit)			RADDAT	000000	35013300
013400+D	io_errCode	32767A options(*omit: *varsize)			RADDAT	000000	35013400
013500+ *					RADDAT	000000	35013500
013600+ *	Type definitions				RADDAT	000000	35013600
013700+D	actInf_t DS	qualified based(pDummy)			RADDAT	000000	35013700
013800+D	bytRet	1 4I 0			RADDAT	000000	35013800
013900+D	bytAvl	5 8I 0			RADDAT	000000	35013900
014000+D	reserved_1	9 16A			RADDAT	000000	35014000
014100+D	actGrpMark	17 20I 0			RADDAT	000000	35014100
014200+D	actMark	21 24I 0			RADDAT	000000	35014200
014300+D	reserved_2	25 31A			RADDAT	000000	35014300
014400+D	flags	32 32A			RADDAT	000000	35014400
014500+D	reserved_3	33 48A			RADDAT	000000	35014500
014600+ *					RADDAT	000000	35014600
014700+ *	Get Export, Returned value: Exported item - PTR(OPN)				RADDAT	000000	35014700
014800+D	QleGetExp PR	* extproc('QleGetExp')			RADDAT	000000	35014800
014900+D	i_actMark	10I 0 const options(*omit)			RADDAT	000000	35014900
015000+D	i_expNum	10I 0 const options(*omit)			RADDAT	000000	35015000
015100+D	i_expNameLen	10I 0 const options(*omit)			RADDAT	000000	35015100
015200+D	i_expName	32767A const options(*omit: *varsize)			RADDAT	000000	35015200
015300+D	o_pExpItem	* options(*omit) procptr			RADDAT	000000	35015300
015400+D	o_expItmType	10I 0 options(*omit)			RADDAT	000000	35015400
015500+D	io_errCode	32767A options(*omit: *varsize)			RADDAT	000000	35015500
015600+ /IF NOT DEFINED(TESTPTR)					RADDAT	000000	35015600
015700+ /DEFINE TESTPTR					RADDAT	000000	35015700
015800+ *					RADDAT	000000	35015800
015900+ *	Test Pointer (TESTPTR)				RADDAT	000000	35015900
016000+D	testptr PR	10I 0 extproc('_TESTPTR')			RADDAT	000000	35016000
016100+D	i_ptr	* value			RADDAT	000000	35016100
016200+D	i_test_type	10I 0 value			RADDAT	000000	35016200
016300+ *					RADDAT	000000	35016300
016400+D	cTESTPTR_TYPE_PROCPTR...				RADDAT	000000	35016400

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
016500+D	C 0	RADDAT			000000		35016500
016600+D	cTESTPTR_NO_OPTIMIZED_PARAMETER_PASSING...	RADDAT			000000		35016600
016700+D	C 0	RADDAT			000000		35016700
016800+D	cTESTPTR_OPTIMIZED_PARAMETER_PASSING...	RADDAT			000000		35016800
016900+D	C 1	RADDAT			000000		35016900
017000+ *		RADDAT			000000		35017000
017100+D	cTESTPTR_TYPE_MEMPTR...	RADDAT			000000		35017100
017200+D	C 1	RADDAT			000000		35017200
017300+D	cTESTPTR_NON_TERASPACE...	RADDAT			000000		35017300
017400+D	C 0	RADDAT			000000		35017400
017500+D	cTESTPTR_TERASPACE...	RADDAT			000000		35017500
017600+D	C 1	RADDAT			000000		35017600
017700+ *		RADDAT			000000		35017700
017800+D	cTESTPTR_ERROR_NOT_EXIST...	RADDAT			000000		35017800
017900+D	C x'2401'	RADDAT			000000		35017900
018000+D	cTESTPTR_ERROR_INVALID...	RADDAT			000000		35018000
018100+D	C x'2402'	RADDAT			000000		35018100
018200+D	cTESTPTR_ERROR_OBJECT_DESTROYED...	RADDAT			000000		35018200
018300+D	C x'2202'	RADDAT			000000		35018300
018400+ /ENDIF		RADDAT			000000		35018400
018500+ *		RADDAT			000000		35018500
018600+ *	Materialize Pointer (MATPTR)	RADDAT			000000		35018600
018700+D	matptr PR 10I 0 extproc('matptr')	RADDAT			000000		35018700
018800+D	i_MPTR_Template_T...	RADDAT			000000		35018800
018900+D	* value	RADDAT			000000		35018900
019000+D	i_anyPtr * value	RADDAT			000000		35019000
019100+ *		RADDAT			000000		35019100
019200+D	matptr_TPL_t DS qualified based(pDummy)	RADDAT			000000		35019200
019300+D	bytPrv 1 4I 0	RADDAT			000000		35019300
019400+D	bytAvl 5 8I 0	RADDAT			000000		35019400
019500+D	type 9 9A	RADDAT			000000		35019500
019600+ *		RADDAT			000000		35019600
019700+D	matptr_spacePtr_TPL_t...	RADDAT			000000		35019700
019800+D	DS qualified based(pDummy)	RADDAT			000000		35019800
019900+D	baseInf likeds(matptr_TPL_t )	RADDAT			000000		35019900
020000+D	ContextID 10 41A	RADDAT			000000		35020000
020100+D	ContextType 10 10A	RADDAT			000000		35020100
020200+D	ContextSubType...	RADDAT			000000		35020200
020300+D	11 11A	RADDAT			000000		35020300
020400+D	ContextName 12 41A	RADDAT			000000		35020400
020500+D	ObjectID 42 73A	RADDAT			000000		35020500
020600+D	ObjectType 42 42A	RADDAT			000000		35020600
020700+D	ObjectSubType...	RADDAT			000000		35020700
020800+D	43 43A	RADDAT			000000		35020800
020900+D	ObjectName 44 73A	RADDAT			000000		35020900
021000+D	offSpace 74 77I 0	RADDAT			000000		35021000
021100+D	PtrTragetInf 78 79A	RADDAT			000000		35021100
021200+D	reserved_1 80 80A	RADDAT			000000		35021200
021300+D	extOffSpace 81 88I 0	RADDAT			000000		35021300
021400+ *		RADDAT			000000		35021400
021500+ *	Resolve System Pointer (RSLVSP)	RADDAT			000000		35021500
021600+D	rslvsp...	RADDAT			000000		35021600
021700+D	PR * extproc('rslvsp') procptr	RADDAT			000000		35021700
021800+D	i_objtype 5U 0 value	RADDAT			000000		35021800
021900+D	i_obj * value options(*string)	RADDAT			000000		35021900
022000+D	i_lib * value options(*string)	RADDAT			000000		35022000

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
022100+D	i_auth	5U 0 value			000000		35022100
022200+ *					000000		35022200
022300+ *	Convert Type (QLICVTTP) API				000000		35022300
022400+D	QLICVTTP...				000000		35022400
022500+D	PR	extpgm('QLICVTTP')			000000		35022500
022600+D	i_conversion	10A const			000000		35022600
022700+D	io_symObjType	10A			000000		35022700
022800+D	io_hexObjType	5U 0			000000		35022800
022900+D	io_errCode	32767A options(*varsize)			000000		35022900
023000+ *					000000		35023000
023100+ *	AND String (ANDSTR)				000000		35023100
023200+D	ANDSTR...				000000		35023200
023300+D	PR	extproc('_ANDSTR')			000000		35023300
023400+D	i_pReceiver	* value			000000		35023400
023500+D	i_pFirstSrc	* value			000000		35023500
023600+D	i_pSecondSrc	* value			000000		35023600
023700+D	i_length	10U 0 value			000000		35023700
023800+ *					000000		35023800
023900+ *	OR String (ORSTR)				000000		35023900
024000+D	ORSTR...				000000		35024000
024100+D	PR	extproc('_ORSTR')			000000		35024100
024200+D	i_pReceiver	* value			000000		35024200
024300+D	i_pFirstSrc	* value			000000		35024300
024400+D	i_pSecondSrc	* value			000000		35024400
024500+D	i_length	10U 0 value			000000		35024500
024600+ *					000000		35024600
024700+ *	XOR (Exclusive Or) String (XORSTR)				000000		35024700
024800+D	XORSTR...				000000		35024800
024900+D	PR	extproc('_XORSTR')			000000		35024900
025000+D	i_pReceiver	* value			000000		35025000
025100+D	i_pFirstSrc	* value			000000		35025100
025200+D	i_pSecondSrc	* value			000000		35025200
025300+D	i_length	10U 0 value			000000		35025300
025400+ *					000000		35025400
025500+ *	Complement String (COMSTR)				000000		35025500
025600+D	COMSTR...				000000		35025600
025700+D	PR	extproc('_COMSTR')			000000		35025700
025800+D	i_pReceiver	* value			000000		35025800
025900+D	i_pSource	* value			000000		35025900
026000+D	i_length	10U 0 value			000000		35026000
026100+ *					000000		35026100
026200+ *	The standard definition for time in the MI library (QSYSINC/MIH.MICOMMON):				000000		35026200
026300+D	mi_time_t	S 8A inz			000000		35026300
026400+ *					000000		35026400
026500+ *	The following values can be OR'd for the Wait Options parameter				000000		35026500
026600+ *	on the WAITTIME invocation.				000000		35026600
026700+D	cWAIT_NORMAL...				000000		35026700
026800+D	C	0			000000	x'0000'	35026800
026900+D	cWAIT_MOD_AS_ENTER...				000000		35026900
027000+D	C	32768			000000	x'8000'	35027000
027100+D	cWAIT_MOD_AS_LEAVE...				000000		35027100
027200+D	C	16384			000000	x'4000'	35027200
027300+D	cWAIT_MPL_SET...				000000		35027300
027400+D	C	8192			000000	x'2000'	35027400
027500+D	cWAIT_SIGNALS...				000000		35027500
027600+D	C	4096			000000	x'1000'	35027600

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
027700+ *		RADDAT			000000		35027700
027800+ * Wait On Time (WAITTIME)		RADDAT			000000		35027800
027900+D waitTime PR	extproc('waittime')	RADDAT			000000		35027900
028000+D pmi_time	const like(mi_time_t)	RADDAT			000000		35028000
028100+D option	5I 0 value	RADDAT			000000		35028100
028200+ *		RADDAT			000000		35028200
028300+ * Use mitime function to form an AS/400 system value for time		RADDAT			000000		35028300
028400+D mitime PR	* extproc('mitime')	RADDAT			000000		35028400
028500+D mi_time	const like(mi_time_t)	RADDAT			000000		35028500
028600+D hour	10I 0 value	RADDAT			000000		35028600
028700+D min	10I 0 value	RADDAT			000000		35028700
028800+D sec	10I 0 value	RADDAT			000000		35028800
028900+D hsec	10I 0 value	RADDAT			000000		35028900
029000+ *		RADDAT			000000		35029000
029100+ /ENDIF		RADDAT			000000		35029100
022400+ /COPY QBASICS1,PBASICS1R1	Messages				000000		30022400
-----*							
* RPG member name . . . . .	: PBASICS1R1						36
* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R1)						36
* Last change . . . . .	: 07/10/14 10:43:13						36
* Text 'description' . . . . .	: SrvPgm: Basic Routines - Messages	cpybk					36
-----*							
000100+ /IF NOT DEFINED(PBASICS1R1)					000000		36000100
LINES EXCLUDED: 229							
023100+ /ENDIF		RADDAT			000000		36023100
022500+ /COPY QBASICS1,PBASICS1R7	Mathematics				000000		30022500
-----*							
* RPG member name . . . . .	: PBASICS1R7						37
* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R7)						37
* Last change . . . . .	: 07/10/14 10:43:13						37
* Text 'description' . . . . .	: SrvPgm: Basic Routines - Mathematics	cpybk					37
-----*							
000100+ /IF NOT DEFINED(BASICS1R7)		RADDAT			000000		37000100
000200+ /DEFINE BASICS1R7		RADDAT			000000		37000200
000300+ *		RADDAT			000000		37000300
000400+ * Constants		RADDAT			000000		37000400
000500+ *		RADDAT			000000		37000500
000600+ * Generate UUID:		RADDAT			000000		37000600
000700+D cUUID_HEX...		RADDAT			000000		37000700
000800+D C	const(1)	RADDAT			000000		37000800
000900+D cUUID_STRING...		RADDAT			000000		37000900
001000+D C	const(2)	RADDAT			000000		37001000
001100+ *		RADDAT			000000		37001100
001200+D uuid_t DS	qualified	RADDAT			000000		37001200
001300+D length	5U 0	RADDAT			000000		37001300
001400+D value	32A	RADDAT			000000		37001400
001500+ *		RADDAT			000000		37001500
001600+ * Generate MD5:		RADDAT			000000		37001600
001700+D cMD5_HEX...		RADDAT			000000		37001700
001800+D C	const(4352)	256 + 4096	RADDAT		000000		37001800
001900+D cMD5_STRING...		RADDAT			000000		37001900
002000+D C	const(4608)	512 + 4096	RADDAT		000000		37002000
002100+D cMD5_ONLY...		RADDAT			000000		37002100
002200+D C	const(17)	1 + 16	RADDAT		000000		37002200
002300+D cMD5_FIRST...		RADDAT			000000		37002300
002400+D C	const(18)	2 + 16	RADDAT		000000		37002400



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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
002500+D	CMD5_MIDDLE...				000000	37002500	
002600+D	C	const(20)	4 + 16		000000	37002600	
002700+D	CMD5_FINAL...				000000	37002700	
002800+D	C	const(24)	8 + 16		000000	37002800	
002900+ *					000000	37002900	
003000+D	md5_t DS	qualified			000000	37003000	
003100+D	length	5U 0			000000	37003100	
003200+D	value	32A			000000	37003200	
003300+ *					000000	37003300	
003400+ *	Generate SHA-1:				000000	37003400	
003500+D	cSHA1_HEX...				000000	37003500	
003600+D	C	const(8448)	256 + 8192		000000	37003600	
003700+D	cSHA1_STRING...				000000	37003700	
003800+D	C	const(8704)	512 + 8192		000000	37003800	
003900+D	cSHA1_ONLY...				000000	37003900	
004000+D	C	const(33)	1 + 32		000000	37004000	
004100+D	cSHA1_FIRST...				000000	37004100	
004200+D	C	const(34)	2 + 32		000000	37004200	
004300+D	cSHA1_MIDDLE...				000000	37004300	
004400+D	C	const(36)	4 + 32		000000	37004400	
004500+D	cSHA1_FINAL...				000000	37004500	
004600+D	C	const(40)	8 + 32		000000	37004600	
004700+ *					000000	37004700	
004800+D	sha1_t DS	qualified			000000	37004800	
004900+D	length	5U 0			000000	37004900	
005000+D	value	40A			000000	37005000	
005100+ *					000000	37005100	
005200+ *	Generate CRC32:				000000	37005200	
005300+D	cCRC32_ONLY...				000000	37005300	
005400+D	C	const(33)	1 + 64		000000	37005400	
005500+D	cCRC32_FIRST...				000000	37005500	
005600+D	C	const(34)	2 + 64		000000	37005600	
005700+D	cCRC32_MIDDLE...				000000	37005700	
005800+D	C	const(36)	4 + 64		000000	37005800	
005900+D	cCRC32_FINAL...				000000	37005900	
006000+D	C	const(40)	8 + 64		000000	37006000	
006100+ *					000000	37006100	
006200+D	crc32_t DS	qualified			000000	37006200	
006300+D	length	5U 0			000000	37006300	
006400+D	value	40A			000000	37006400	
006500+ *					000000	37006500	
006600+ *	Tests for one or more bits.				000000	37006600	
006700+D	f_isBitOn...				000000	37006700	
006800+D	PR	N			000000	37006800	
006900+D		extproc('BASICS1R7+			000000	37006900	
007000+D		_f_isBitOn+			000000	37007000	
007100+D		')			000000	37007100	
007200+D	i_testBit	10U 0 value			000000	37007200	
007300+D	i_value	10U 0 value			000000	37007300	
007400+ *					000000	37007400	
007500+ *	Computes the logarithm base 10 of a given value.				000000	37007500	
007600+D	f_log10...				000000	37007600	
007700+D	PR	8F			000000	37007700	
007800+D		extproc('BASICS1R7+			000000	37007800	
007900+D		_f_log10+			000000	37007900	
008000+D		')			000000	37008000	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	Num	Line	Date	Id	Number	
008100+D	i_value	8F value			000000	37008100	
008200+ *					000000	37008200	
008300+ *	Computes the length of a RPG integer field from its buffer length				000000	37008300	
008400+D	f_clcLengthOfRPGIntFieldFromBufSize...				000000	37008400	
008500+D	PR	5U 0			000000	37008500	
008600+D		extproc('BASICS1R7+			000000	37008600	
008700+D		_f_clcLengthOfRPGIntFieldFromBufSize+			000000	37008700	
008800+D		')			000000	37008800	
008900+D	i_buffSize	5U 0 value			000000	37008900	
009000+ *					000000	37009000	
009100+ *	Generates a Universal Unique Identifier (UUID).				000000	37009100	
009200+D	f_genUUID...				000000	37009200	
009300+D	PR	likeds(uuid_t )			000000	37009300	
009400+D		extproc('BASICS1R7+			000000	37009400	
009500+D		_f_genUUID+			000000	37009500	
009600+D		')			000000	37009600	
009700+D	i_option	5U 0 value options(*nopass)			000000	37009700	
009800+ *					000000	37009800	
009900+ *	Generates a MD5 fingerprint (hash code).				000000	37009900	
010000+D	f_genMD5...				000000	37010000	
010100+D	PR	likeds(md5_t )			000000	37010100	
010200+D		extproc('BASICS1R7+			000000	37010200	
010300+D		_f_genMD5+			000000	37010300	
010400+D		')			000000	37010400	
010500+D	i_pString	* const options(*string)			000000	37010500	
010600+D	i_option	5U 0 const options(*nopass)			000000	37010600	
010700+D	i_length	10U 0 const options(*nopass)			000000	37010700	
010800+ *					000000	37010800	
010900+ *	Generates a SHA-1 fingerprint (hash code).				000000	37010900	
011000+D	f_genSHA1...				000000	37011000	
011100+D	PR	likeds(shal_t )			000000	37011100	
011200+D		extproc('BASICS1R7+			000000	37011200	
011300+D		_f_genSHA1+			000000	37011300	
011400+D		')			000000	37011400	
011500+D	i_pString	* const options(*string)			000000	37011500	
011600+D	i_option	5U 0 const options(*nopass)			000000	37011600	
011700+D	i_length	10U 0 const options(*nopass)			000000	37011700	
011800+ *					000000	37011800	
011900+ *	Generates a CRC32 checksum.				000000	37011900	
012000+D	f_genCRC32...				000000	37012000	
012100+D	PR	likeds(crc32_t )			000000	37012100	
012200+D		extproc('BASICS1R7+			000000	37012200	
012300+D		_f_genCRC32+			000000	37012300	
012400+D		')			000000	37012400	
012500+D	i_pString	* const options(*string)			000000	37012500	
012600+D	i_option	5U 0 const options(*nopass)			000000	37012600	
012700+D	i_length	10U 0 const options(*nopass)			000000	37012700	
012800+ *					000000	37012800	
012900+ *	-----				000000	37012900	
013000+ *	Imported prototypes				000000	37013000	
013100+ *	-----				000000	37013100	
013200+ /COPY QBASICS1,PBASICS1R3	Strings				000000	37013200	
*-----*							
* RPG member name . . . . . : PBASICS1R3							38
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R3)							38
* Last change . . . . . : 07/10/14 10:43:13							38

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1	Text 'description' . . . : SrvPgm: Basic Routines - Strings	cpybk					38
000100+	/IF NOT DEFINED(BASICS1R3)				000000		38000100
000200+	/DEFINE BASICS1R3				000000		38000200
000300+	*	RADDAT			000000		38000300
000400+	* Reference fields	RADDAT			000000		38000400
000500+	*	RADDAT			000000		38000500
000600+	* Konstants: f_wordWrap()	RADDAT			000000		38000600
000700+	D CWORDWRAP_PARAGRAPH_NONE...	RADDAT			000000		38000700
000800+	D C const(1)	RADDAT			000000		38000800
000900+	D CWORDWRAP_PARAGRAPH_MSGD...	RADDAT			000000		38000900
001000+	D C const(2)	RADDAT			000000		38001000
001100+	D CWORDWRAP_PARAGRAPH_TEXT...	RADDAT			000000		38001100
001200+	D C const(4)	RADDAT			000000		38001200
001300+	D CWORDWRAP_PARAGRAPH_TRIMR...	RADDAT			000000		38001300
001400+	D C const(8)	RADDAT			000000		38001400
001500+	*	RADDAT			000000		38001500
001600+	* Returns the left portion of a string.	RADDAT			000000		38001600
001700+	D f_left...	RADDAT			000000		38001700
001800+	D PR 4096A varying	RADDAT			000000		38001800
001900+	D extproc('BASICS1R3+	RADDAT			000000		38001900
002000+	D _f_left+	RADDAT			000000		38002000
002100+	D ')	RADDAT			000000		38002100
002200+	D i_string 4096A const varying	RADDAT			000000		38002200
002300+	D i_length 10I 0 const	RADDAT			000000		38002300
002400+	*	RADDAT			000000		38002400
002500+	* Tests if the specified string starts with the specified prefix.	RADDAT			000000		38002500
002600+	D f_startsWith...	RADDAT			000000		38002600
002700+	D PR N	RADDAT			000000		38002700
002800+	D extproc('BASICS1R3+	RADDAT			000000		38002800
002900+	D _f_startsWith+	RADDAT			000000		38002900
003000+	D ')	RADDAT			000000		38003000
003100+	D i_prefix 4096A const varying	RADDAT			000000		38003100
003200+	D i_string 4096A const varying	RADDAT			000000		38003200
003300+	*	RADDAT			000000		38003300
003400+	* Tests if the specified string starts with the specified prefix,	RADDAT			000000		38003400
003500+	* ignoring case considerations.	RADDAT			000000		38003500
003600+	D f_startsWithIgnoreCase...	RADDAT			000000		38003600
003700+	D PR N	RADDAT			000000		38003700
003800+	D extproc('BASICS1R3+	RADDAT			000000		38003800
003900+	D _f_startsWithIgnoreCase+	RADDAT			000000		38003900
004000+	D ')	RADDAT			000000		38004000
004100+	D i_prefix 4096A const varying	RADDAT			000000		38004100
004200+	D i_string 4096A const varying	RADDAT			000000		38004200
004300+	*	RADDAT			000000		38004300
004400+	* Returns the right portion of a string.	RADDAT			000000		38004400
004500+	D f_right...	RADDAT			000000		38004500
004600+	D PR 4096A varying	RADDAT			000000		38004600
004700+	D extproc('BASICS1R3+	RADDAT			000000		38004700
004800+	D _f_right+	RADDAT			000000		38004800
004900+	D ')	RADDAT			000000		38004900
005000+	D i_string 4096A const varying	RADDAT			000000		38005000
005100+	D i_length 10I 0 const	RADDAT			000000		38005100
005200+	*	RADDAT			000000		38005200
005300+	* Tests if the specified string ends with the specified suffix.	RADDAT			000000		38005300
005400+	D f_endsWith...	RADDAT			000000		38005400

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
005500+D	PR	N			000000		38005500
005600+D					000000		38005600
005700+D					000000		38005700
005800+D					000000		38005800
005900+D	i_suffix	4096A	const	varying	000000		38005900
006000+D	i_string	4096A	const	varying	000000		38006000
006100+ *					000000		38006100
006200+ *	Produces an empty string.				000000		38006200
006300+D	f_space...				000000		38006300
006400+D	PR	4096A		varying	000000		38006400
006500+D					000000		38006500
006600+D					000000		38006600
006700+D					000000		38006700
006800+D	i_length	10I 0	const		000000		38006800
006900+D	i_char	1A	const	options(*nopass)	000000		38006900
007000+ *					000000		38007000
007100+ *	Converts a given string to lower case.				000000		38007100
007200+D	f_lcase...				000000		38007200
007300+D	PR	4096A		varying	000000		38007300
007400+D					000000		38007400
007500+D					000000		38007500
007600+D					000000		38007600
007700+D	i_string	4096A	const	varying	000000		38007700
007800+ *					000000		38007800
007900+ *	Converts a given string to upper case.				000000		38007900
008000+D	f_ucase...				000000		38008000
008100+D	PR	4096A		varying	000000		38008100
008200+D					000000		38008200
008300+D					000000		38008300
008400+D					000000		38008400
008500+D	i_string	4096A	const	varying	000000		38008500
008600+ *					000000		38008600
008700+ *	Replaces all occurrences of a search argument by				000000		38008700
008800+ *	a replacement string in a given string.				000000		38008800
008900+D	f_replace...				000000		38008900
009000+D	PR	4096A		varying	000000		38009000
009100+D					000000		38009100
009200+D					000000		38009200
009300+D					000000		38009300
009400+D	i_searchArg	4096A	const	varying	000000		38009400
009500+D	i_rplString	4096A	const	varying	000000		38009500
009600+D	i_string	4096A	const	varying	000000		38009600
009700+D	i_startPos	10U 0	const	options(*nopass)	000000		38009700
009800+ *					000000		38009800
009900+ *	Returns the EBCDIC value of a given character.				000000		38009900
010000+D	f_ebcdic...				000000		38010000
010100+D	PR	3U 0			000000		38010100
010200+D					000000		38010200
010300+D					000000		38010300
010400+D					000000		38010400
010500+D	i_char	1A	const	options(*nopass)	000000		38010500
010600+ *					000000		38010600
010700+ *	Returns the numeric value of a string.				000000		38010700
010800+D	f_val...				000000		38010800
010900+D	PR	8F			000000		38010900
011000+D					000000		38011000

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Number	1...10		Num	Line	Date	Id	Number
011100+D	_f_val+				000000		38011100
011200+D	)				000000		38011200
011300+D	i_string 64A const varying				000000		38011300
011400+D	i_decPoint 1A const options(*nopass)				000000		38011400
011500+D	i_comma 1A const options(*nopass)				000000		38011500
011600+D	i_currSym 1A const options(*nopass)				000000		38011600
011700+ *					000000		38011700
011800+ *	Performs word wrapping on a given string.				000000		38011800
011900+ *	Returns the next line of i_string with each call to f_wordWrap().				000000		38011900
012000+D	f_wordWrap...				000000		38012000
012100+D	PR 4096A varying				000000		38012100
012200+D	extproc('BASICS1R3+				000000		38012200
012300+D	_f_wordWrap+				000000		38012300
012400+D	)				000000		38012400
012500+D	i_string 4096A const varying				000000		38012500
012600+D	i_width 10U 0 const				000000		38012600
012700+D	io_startPos 10U 0				000000		38012700
012800+D	i_options 10U 0 const options(*nopass)				000000		38012800
012900+ *					000000		38012900
013000+ *	Transforms a numeric from its internal format to a				000000		38013000
013100+ *	character form suitable for displaying.				000000		38013100
013200+D	f_editCode...				000000		38013200
013300+D	PR 64A varying				000000		38013300
013400+D	extproc('BASICS1R3+				000000		38013400
013500+D	_f_editCode+				000000		38013500
013600+D	)				000000		38013600
013700+D	i_pBuffer * const				000000		38013700
013800+D	i_digits 10I 0 const				000000		38013800
013900+D	i_decPos 10I 0 const				000000		38013900
014000+D	i_varClass 10A const				000000		38014000
014100+D	i_editCode 2A const				000000		38014100
014200+ *					000000		38014200
014300+ *	Transforms a numeric from its internal format to a				000000		38014300
014400+ *	character form suitable for displaying.				000000		38014400
014500+D	f_editWord...				000000		38014500
014600+D	PR 512A varying				000000		38014600
014700+D	extproc('BASICS1R3+				000000		38014700
014800+D	_f_editWord+				000000		38014800
014900+D	)				000000		38014900
015000+D	i_pBuffer * const				000000		38015000
015100+D	i_digits 10I 0 const				000000		38015100
015200+D	i_varClass 10A const				000000		38015200
015300+D	i_editWord 256A const varying				000000		38015300
015400+ *					000000		38015400
015500+ *	Gets the length of a the formatted string of a given edit code.				000000		38015500
015600+D	f_getLengthEditCode...				000000		38015600
015700+D	PR 5U 0				000000		38015700
015800+D	extproc('BASICS1R3+				000000		38015800
015900+D	_f_getLengthEditCode+				000000		38015900
016000+D	)				000000		38016000
016100+D	i_digits 10I 0 const				000000		38016100
016200+D	i_decPos 10I 0 const				000000		38016200
016300+D	i_editCode 2A const				000000		38016300
016400+ *					000000		38016400
016500+ *	Gets the length of a the formatted string of a given edit word.				000000		38016500
016600+D	f_getLengthEditWord...				000000		38016600

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
016700+D	PR	5U 0			000000		38016700
016800+D		extproc('BASICS1R3+			000000		38016800
016900+D		_f_getLengthEditWord+			000000		38016900
017000+D		')			000000		38017000
017100+D	i_digits	10I 0 const			000000		38017100
017200+D	i_editWord	256A const varying			000000		38017200
017300+ *					000000		38017300
017400+ *	Removes a keyword from a given string.				000000		38017400
017500+D	f_rmvKeyword...				000000		38017500
017600+D	PR	4096A varying			000000		38017600
017700+D		extproc('BASICS1R3+			000000		38017700
017800+D		_f_rmvKeyword+			000000		38017800
017900+D		')			000000		38017900
018000+D	i_keyword	128A const varying			000000		38018000
018100+D	i_string	4096A const varying			000000		38018100
018200+ *					000000		38018200
018300+ *	Removes quotes from a given string.				000000		38018300
018400+D	f_rmvQuotes...				000000		38018400
018500+D	PR	4096A varying			000000		38018500
018600+D		extproc('BASICS1R3+			000000		38018600
018700+D		_f_rmvQuotes+			000000		38018700
018800+D		')			000000		38018800
018900+D	i_string	4096A const varying			000000		38018900
019000+D	i_quote	1A const			000000		38019000
019100+ *					000000		38019100
019200+ *	Adds quotes to a given string.				000000		38019200
019300+D	f_addQuotes...				000000		38019300
019400+D	PR	4096A varying			000000		38019400
019500+D		extproc('BASICS1R3+			000000		38019500
019600+D		_f_addQuotes+			000000		38019600
019700+D		')			000000		38019700
019800+D	i_string	4096A const varying			000000		38019800
019900+D	i_quote	1A const options(*nopass)			000000		38019900
020000+ *					000000		38020000
020100+ *	Centers a string.				000000		38020100
020200+D	f_center...				000000		38020200
020300+D	PR	4096A varying			000000		38020300
020400+D		extproc('BASICS1R3+			000000		38020400
020500+D		_f_center+			000000		38020500
020600+D		')			000000		38020600
020700+D	i_string	4096A const varying			000000		38020700
020800+D	i_length	10U 0 const options(*nopass)			000000		38020800
020900+ *					000000		38020900
021000+ *	Right aligns a string.				000000		38021000
021100+D	f_alignR...				000000		38021100
021200+D	PR	4096A varying			000000		38021200
021300+D		extproc('BASICS1R3+			000000		38021300
021400+D		_f_alignR+			000000		38021400
021500+D		')			000000		38021500
021600+D	i_string	4096A const varying			000000		38021600
021700+D	i_length	10U 0 const options(*nopass)			000000		38021700
021800+ *					000000		38021800
021900+ *	Compare strings using wildcard characters. (Compare generic)				000000		38021900
022000+D	f_genStrCmp...				000000		38022000
022100+D	PR	N			000000		38022100
022200+D		extproc('BASICS1R3+			000000		38022200

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10		Num	Line	Date	Id	Number
022300+D		_f_genStrCmp+			000000		38022300
022400+D		)			000000		38022400
022500+D	i_string	4096A const varying			000000		38022500
022600+D	i_mask	4096A const varying			000000		38022600
022700+D	i_wildcard	2A const options(*nopass)			000000		38022700
022800+ *					000000		38022800
022900+ *	Compare strings using wildcard characters.				000000		38022900
023000+D	f_genStrCmpIgnCase...				000000		38023000
023100+D	PR	N			000000		38023100
023200+D		extproc('BASICS1R3+			000000		38023200
023300+D		_f_genStrCmpIgnCase+			000000		38023300
023400+D		)			000000		38023400
023500+D	i_string	4096A const varying			000000		38023500
023600+D	i_mask	4096A const varying			000000		38023600
023700+D	i_wildcard	2A const options(*nopass)			000000		38023700
023800+ *					000000		38023800
023900+ *	Returns the last position of a search argument in the source string.				000000		38023900
024000+D	f_scanR...				000000		38024000
024100+D	PR	5I 0			000000		38024100
024200+D		extproc('BASICS1R3+			000000		38024200
024300+D		_f_scanR+			000000		38024300
024400+D		)			000000		38024400
024500+D	i_searchArg	4096A const varying			000000		38024500
024600+D	i_string	4096A const varying			000000		38024600
024700+D	i_start	5I 0 const options(*nopass)			000000		38024700
024800+ *					000000		38024800
024900+ *	Converts a given buffer to a character string of hex values.				000000		38024900
025000+D	f_cvtBufferToHexString...				000000		38025000
025100+D	PR	4096A varying			000000		38025100
025200+D		extproc('BASICS1R3+			000000		38025200
025300+D		_f_cvtBufferToHexString+			000000		38025300
025400+D		)			000000		38025400
025500+D	i_pBuffer	* const			000000		38025500
025600+D	i_size	5U 0 const			000000		38025600
025700+ *					000000		38025700
025800+ *	Converts a given pointer to a character string of hex values.				000000		38025800
025900+D	f_cvtPtrToHexString...				000000		38025900
026000+D	PR	32A varying			000000		38026000
026100+D		extproc('BASICS1R3+			000000		38026100
026200+D		_f_cvtPtrToHexString+			000000		38026200
026300+D		)			000000		38026300
026400+D	i_pointer	* value			000000		38026400
026500+ *					000000		38026500
026600+ *	Converts a given character string of hex values to a buffer.				000000		38026600
026700+D	f_cvtHexStringToBuffer...				000000		38026700
026800+D	PR	5U 0 opdesc			000000		38026800
026900+D		extproc('BASICS1R3+			000000		38026900
027000+D		_f_cvtHexStringToBuffer+			000000		38027000
027100+D		)			000000		38027100
027200+D	i_string	4096A const options(*varsize)			000000		38027200
027300+D	i_pBuffer	* const			000000		38027300
027400+D	i_size	5U 0 const			000000		38027400
027500+ *					000000		38027500
027600+ *	Tests, if a given string contains an invalid character				000000		38027600
027700+ *	at a given position.				000000		38027700
027800+D	f_containsInvalidCharAt...				000000		38027800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
027900+D	PR	N			000000		38027900
028000+D					000000		38028000
028100+D					000000		38028100
028200+D					000000		38028200
028300+D	i_string	4096A	const	varying options(*varsize)	000000		38028300
028400+D	i_pos	10I 0	const		000000		38028400
028500+D	i_chars	256A	const	varying options(*varsize)	000000		38028500
028600+ *					000000		38028600
028700+ *	Tests, if a given string contains a specific string				000000		38028700
028800+ *	at a given position.				000000		38028800
028900+D	f_containsStringAt...				000000		38028900
029000+D	PR	N			000000		38029000
029100+D					000000		38029100
029200+D					000000		38029200
029300+D					000000		38029300
029400+D	i_string	4096A	const	varying options(*varsize)	000000		38029400
029500+D	i_pos	10I 0	const		000000		38029500
029600+D	i_subString	4096A	const	varying options(*varsize)	000000		38029600
029700+ *					000000		38029700
029800+ *	Returns the string representation of a qualified object name.				000000		38029800
029900+D	f_objName...				000000		38029900
030000+D	PR	21A		varying	000000		38030000
030100+D					000000		38030100
030200+D					000000		38030200
030300+D					000000		38030300
030400+D	i_qObj		const	likeds(qObj_t )	000000		38030400
030500+D	i_lib	10A	const	options(*nopass)	000000		38030500
030600+ *					000000		38030600
030700+ *	Replaces unprintable characters in a given string.				000000		38030700
030800+D	f_rplUnPrtChars...				000000		38030800
030900+D	PR	4096A		varying	000000		38030900
031000+D					000000		38031000
031100+D					000000		38031100
031200+D					000000		38031200
031300+D	i_string	4096A	const	varying	000000		38031300
031400+D	i_rplChar	1A	const	varying options(*nopass)	000000		38031400
031500+ *					000000		38031500
031600+ *	Formats a given date according to a given puicture string.				000000		38031600
031700+D	f_formatDate...				000000		38031700
031800+D	PR	128A		varying	000000		38031800
031900+D					000000		38031900
032000+D					000000		38032000
032100+D					000000		38032100
032200+D	i_date	D	const		000000		38032200
032300+D	i_picture	128A	const	varying	000000		38032300
032400+ *					000000		38032400
032500+ *	Parses a string representing a date.				000000		38032500
032600+D	f_parseDate...				000000		38032600
032700+D	PR	D			000000		38032700
032800+D					000000		38032800
032900+D					000000		38032900
033000+D					000000		38033000
033100+D	i_string	128A	const	varying	000000		38033100
033200+D	i_picture	128A	const	varying options(*nopass)	000000		38033200
033300+ *					000000		38033300
033400+ *	Konstants: f_formatMemSize				000000		38033400



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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
033500+D	cMEM_SIZE_BYTE...				000000		38033500
033600+D	C	'B'			000000		38033600
033700+D	cMEM_SIZE_KILO_BYTE...				000000		38033700
033800+D	C	'KB'			000000		38033800
033900+D	cMEM_SIZE_MEGA_BYTE...				000000		38033900
034000+D	C	'MB'			000000		38034000
034100+D	cMEM_SIZE_GIGA_BYTE...				000000		38034100
034200+D	C	'GB'			000000		38034200
034300+D	cMEM_SIZE_TERA_BYTE...				000000		38034300
034400+D	C	'TB'			000000		38034400
034500+D	cMEM_SIZE_PETA_BYTE...				000000		38034500
034600+D	C	'PB'			000000		38034600
034700+D	cMEM_SIZE_EXA_BYTE...				000000		38034700
034800+D	C	'EB'			000000		38034800
034900+D	cMEM_SIZE_ZETTA_BYTE...				000000		38034900
035000+D	C	'ZB'			000000		38035000
035100+ *					000000		38035100
035200+ *	Converts a given memory size in bytes to string.				000000		38035200
035300+D	f_formatMemSize...				000000		38035300
035400+D	PR 128A varying				000000		38035400
035500+D	extproc('BASICS1R3+				000000		38035500
035600+D	_f_formatMemSize+				000000		38035600
035700+D	')				000000		38035700
035800+D	i_memSize 20I 0 const				000000		38035800
035900+D	io_unit 2A options(*nopass: *omit)				000000		38035900
036000+D	i_decPos 3I 0 const options(*nopass: *omit)				000000		38036000
036100+ *					000000		38036100
036200+ *	-----				000000		38036200
036300+ *	Imported prototypes				000000		38036300
036400+ *	-----				000000		38036400
036500+ /COPY QBASICS1,PBASICS1R2	API Error Handling				000000	CPY	38036500
* -----							
* RPG member name . . . . .	PBASICS1R2						39
* External name . . . . .	WSDL2RPG/QBASICS1(PBASICS1R2)						39
* Last change . . . . .	07/10/14 10:43:13						39
* Text 'description' . . . . .	SrvPgm: Basic Routines - API Error Handling cpybk						39
* -----							
000100+ /IF NOT DEFINED(BASICS1R2)					000000		39000100
LINES EXCLUDED: 72							
007400+ /ENDIF					000000		39007400
036600+ /COPY QBASICS1,PBASICS1R4	Assert/This/Caller				000000	CPY	38036600
* -----							
* RPG member name . . . . .	PBASICS1R4						40
* External name . . . . .	WSDL2RPG/QBASICS1(PBASICS1R4)						40
* Last change . . . . .	07/10/14 10:43:13						40
* Text 'description' . . . . .	SrvPgm: Basic Routines - Assert/This/Caller cpybk						40
* -----							
000100+ /IF NOT DEFINED(BASICS1R4)					000000		40000100
LINES EXCLUDED: 40							
004200+ /ENDIF					000000		40004200
036700+ /COPY QBASICS1,PBASICS1R7	Mathematics				000000	CPY	38036700
* -----							
* RPG member name . . . . .	PBASICS1R7						41
* External name . . . . .	WSDL2RPG/QBASICS1(PBASICS1R7)						41
* Last change . . . . .	07/10/14 10:43:13						41
* Text 'description' . . . . .	SrvPgm: Basic Routines - Mathematics cpybk						41

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
000100+	/IF NOT DEFINED(BASICS1R7)	RADDAT			000000		41000100
	LINES EXCLUDED: 137						
013900+	/ENDIF	RADDAT			000000		41013900
036800+	*	RADDAT			000000		38036800
036900+	/ENDIF	RADDAT			000000		38036900
013300+	/COPY QBASICS1,PBASICS1R4	RADDAT	CPY		000000		37013300
	Assert/This/Caller						
	* RPG member name . . . . . : PBASICS1R4	*					42
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R4)	*					42
	* Last change . . . . . : 07/10/14 10:43:13	*					42
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Assert/This/Caller cpybk	*					42
000100+	/IF NOT DEFINED(BASICS1R4)				000000		42000100
	LINES EXCLUDED: 40						
004200+	/ENDIF	RADDAT			000000		42004200
013400+	*	RADDAT			000000		37013400
013500+	/if defined(C_COMPILER)				000000		37013500
	LINES EXCLUDED: 1						
013700+	/endif				000000		37013700
013800+	*	RADDAT			000000		37013800
013900+	/ENDIF	RADDAT			000000		37013900
022600+	*	RADDAT			000000		30022600
022700+	/ENDIF	RADDAT			000000		30022700
004100+	*	RADDAT			000000		28004100
004200+	/ENDIF	RADDAT			000000		28004200
022900+	/COPY QBASICS1,PBASICS1R5	RADDAT	CPY		000000		18022900
	Objects						
	* RPG member name . . . . . : PBASICS1R5	*					43
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R5)	*					43
	* Last change . . . . . : 07/10/14 10:43:13	*					43
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Objects cpybk	*					43
000100+	/IF NOT DEFINED(BASICS1R5)				000000		43000100
	LINES EXCLUDED: 225						
022700+	/ENDIF	RADDAT			000000		43022700
023000+	*	RADDAT			000000		18023000
023100+	/ENDIF	RADDAT			000000		18023100
002500+	/COPY QBASICS1,PBASICS1R2		CPY		000000		17002500
	API Error Handling						
	* RPG member name . . . . . : PBASICS1R2	*					44
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R2)	*					44
	* Last change . . . . . : 07/10/14 10:43:13	*					44
	* Text 'description' . . . . . : SrvPgm: Basic Routines - API Error Handling cpybk	*					44
000100+	/IF NOT DEFINED(BASICS1R2)				000000		44000100
	LINES EXCLUDED: 72						
007400+	/ENDIF	RADDAT			000000		44007400
002600+	/COPY QBASICS1,PBASICS1R3		CPY		000000		17002600
	Strings						
	* RPG member name . . . . . : PBASICS1R3	*					45
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R3)	*					45
	* Last change . . . . . : 07/10/14 10:43:13	*					45
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Strings cpybk	*					45
000100+	/IF NOT DEFINED(BASICS1R3)				000000		45000100

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
Line <----- Source Specifications -----><---- Comments ----> Number .....1.....2.....3.....4.....5.....6.....7.....8.....9.....10							
LINES EXCLUDED: 367							
036900+	/ENDIF	RADDAT			000000	45036900	
002700+	/COPY QBASICS1,PBASICS1R4	Assert/This		CPY	000000	17002700	
*-----*							
* RPG member name . . . . . : PBASICS1R4 *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R4) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . : SrvPgm: Basic Routines - Assert/This/Caller cpybk *							
*-----*							
000100+	/IF NOT DEFINED(BASICS1R4)				000000	46000100	
LINES EXCLUDED: 40							
004200+	/ENDIF	RADDAT			000000	46004200	
002800+	/COPY QBASICS1,PBASICS1R5	Objects		CPY	000000	17002800	
*-----*							
* RPG member name . . . . . : PBASICS1R5 *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R5) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . : SrvPgm: Basic Routines - Objects cpybk *							
*-----*							
000100+	/IF NOT DEFINED(BASICS1R5)				000000	47000100	
LINES EXCLUDED: 225							
022700+	/ENDIF	RADDAT			000000	47022700	
002900+	/COPY QBASICS1,PBASICS1R6	Commands		CPY	000000	17002900	
*-----*							
* RPG member name . . . . . : PBASICS1R6 *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R6) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . : SrvPgm: Basic Routines - Commands/Environmentcpybk *							
*-----*							
000100+	/IF NOT DEFINED(BASICS1R6)				000000	48000100	
000200+	/DEFINE BASICS1R6				000000	48000200	
000300+	*	RADDAT			000000	48000300	
000400+	* Reference fields	RADDAT			000000	48000400	
000500+	/COPY QBASICS1,FDENVVAR	RADDAT		CPY	000000	48000500	
*-----*							
* RPG member name . . . . . : FDENVVAR *							
* External name . . . . . : WSDL2RPG/QBASICS1(FDENVVAR) *							
* Last change . . . . . : 07/10/14 10:43:12 *							
* Text 'description' . . . . : cpybk : Environment variable *							
*-----*							
000100+	/IF NOT DEFINED(envVar_t )	RADDAT			000000	49000100	
000200+	/DEFINE envVar_t	RADDAT			000000	49000200	
000300+	* ===== *	RADDAT			000000	49000300	
000400+	* Environment variable.	RADDAT			000000	49000400	
000500+	* ===== *	RADDAT			000000	49000500	
000600+	*	RADDAT			000000	49000600	
000700+	D envVar_t DS qualified based(pDummy)	RADDAT			000000	49000700	
000800+	D name 128A varying				000000	49000800	
000900+	D value 1024A varying	RADDAT			000000	49000900	
001000+	*	RADDAT			000000	49001000	
001100+	/ENDIF	RADDAT			000000	49001100	
000600+	*	RADDAT			000000	48000600	
000700+	* Constants	RADDAT			000000	48000700	
000800+	* f_execute: Refer to description of QCAPCMD API for details	RADDAT			000000	48000800	
000900+	D cCMD_PRC_EXC_QCMDEXC...	RADDAT			000000	48000900	
001000+	D C const(0)	RADDAT			000000	48001000	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
001100+D	cCMD_PRC_CHK_QCMDCHK...				000000	48001100	
001200+D	C	const(1)			000000	48001200	
001300+D	cCMD_PRC_EXC_CMDLINE...				000000	48001300	
001400+D	C	const(2)			000000	48001400	
001500+D	cCMD_PRC_CHK_CMDLINE...				000000	48001500	
001600+D	C	const(3)			000000	48001600	
001700+D	cCMD_PRC_CHK_CL_STMT...				000000	48001700	
001800+D	C	const(4)			000000	48001800	
001900+D	cCMD_PRC_CHK_SEU_CL...				000000	48001900	
002000+D	C	const(5)			000000	48002000	
002100+D	cCMD_PRC_CHK_SEU_CMD...				000000	48002100	
002200+D	C	const(6)			000000	48002200	
002300+D	cCMD_PRC_CHK_SEU_BND...				000000	48002300	
002400+D	C	const(7)			000000	48002400	
002500+D	cCMD_PRC_CHK_UDO...				000000	48002500	
002600+D	C	const(8)			000000	48002600	
002700+D	cCMD_PRC_CHK_SEU_CLLE...				000000	48002700	
002800+D	C	const(9)			000000	48002800	
002900+ *					000000	48002900	
003000+D	cCMD_PRC_PROMPT_NEVER...				000000	48003000	
003100+D	C	const(0)			000000	48003100	
003200+D	cCMD_PRC_PROMPT_ALWAYS...				000000	48003200	
003300+D	C	const(x'00010000')		65536	000000	48003300	
003400+D	cCMD_PRC_PROMPT_ON_REQUEST...				000000	48003400	
003500+D	C	const(x'00020000')		131072	000000	48003500	
003600+D	cCMD_PRC_PROMPT_HELP...				000000	48003600	
003700+D	C	const(x'00040000')		262144	000000	48003700	
003800+ *					000000	48003800	
003900+ *	Executes a CL command.				000000	48003900	
004000+D	f_execute...				000000	48004000	
004100+D	PR	N opdesc			000000	48004100	
004200+D		extproc('BASICS1R6+			000000	48004200	
004300+D		_f_execute+			000000	48004300	
004400+D		')			000000	48004400	
004500+D	i_cmd	16384A const options(*varsize)			000000	48004500	
004600+D	i_typeCmdPrc	10I 0 const options(*nopass: *omit)			000000	48004600	
004700+D	o_msg	liked(msg_t )			000000	48004700	
004800+D		options(*nopass: *omit)			000000	48004800	
004900+ *					000000	48004900	
005000+ *	Gets an environment variable.				000000	48005000	
005100+D	f_getEnvVar...				000000	48005100	
005200+D	PR	1024A varying			000000	48005200	
005300+D		extproc('BASICS1R6+			000000	48005300	
005400+D		_f_getEnvVar+			000000	48005400	
005500+D		')			000000	48005500	
005600+D	i_pEnvVar	* const options(*string)			000000	48005600	
005700+ *					000000	48005700	
005800+ *	Sets an environment variable.				000000	48005800	
005900+D	f_setEnvVar...				000000	48005900	
006000+D	PR	N			000000	48006000	
006100+D		extproc('BASICS1R6+			000000	48006100	
006200+D		_f_setEnvVar+			000000	48006200	
006300+D		')			000000	48006300	
006400+D	i_envVar	const like(envVar_t.name )			000000	48006400	
006500+D	i_value	const like(envVar_t.value)			000000	48006500	
006600+ *					000000	48006600	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
006700+	* Deletes an environment variable.				000000		48006700
006800+	D f_delEnvVar...				000000		48006800
006900+	D PR N				000000		48006900
007000+	D extproc('BASICS1R6+				000000		48007000
007100+	D _f_delEnvVar+				000000		48007100
007200+	D ')				000000		48007200
007300+	D i_pEnvVar * const options(*string)				000000		48007300
007400+	*				000000		48007400
007500+	* Gets the number of environment variables.				000000		48007500
007600+	D f_getNumEnvVar...				000000		48007600
007700+	D PR 10I 0				000000		48007700
007800+	D extproc('BASICS1R6+				000000		48007800
007900+	D _f_getNumEnvVar+				000000		48007900
008000+	D ')				000000		48008000
008100+	*				000000		48008100
008200+	* Gets an environment variable by its index.				000000		48008200
008300+	D f_getEnvVarByIndex...				000000		48008300
008400+	D PR likeds(envVar_t )				000000		48008400
008500+	D extproc('BASICS1R6+				000000		48008500
008600+	D _f_getEnvVarByIndex+				000000		48008600
008700+	D ')				000000		48008700
008800+	D i_index 10I 0 const				000000		48008800
008900+	*				000000		48008900
009000+	* Waits for the specified number of seconds.				000000		48009000
009100+	D p_wait...				000000		48009100
009200+	D PR				000000		48009200
009300+	D extproc('BASICS1R6+				000000		48009300
009400+	D _p_wait+				000000		48009400
009500+	D ')				000000		48009500
009600+	D i_seconds 10I 0 const				000000		48009600
009700+	*				000000		48009700
009800+	* -----				000000		48009800
009900+	* Imported prototypes				000000		48009900
010000+	* -----				000000		48010000
010100+	/COPY QBASICS1,PBASICS1R1 Messages				CPY 000000		48010100
	* -----						
	* RPG member name . . . . . : PBASICS1R1						50
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R1)						50
	* Last change . . . . . : 07/10/14 10:43:13						50
	* Text 'description' . . . . . : SrvPgm: Basic Routines - Messages cpybk						50
	* -----						
000100+	/IF NOT DEFINED(PBASICS1R1)				000000		50000100
	LINES EXCLUDED: 229						
023100+	/ENDIF				RADDAT 000000		50023100
010200+	/COPY QBASICS1,PBASICS1R2 API Error Handling				CPY 000000		48010200
	* -----						
	* RPG member name . . . . . : PBASICS1R2						51
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R2)						51
	* Last change . . . . . : 07/10/14 10:43:13						51
	* Text 'description' . . . . . : SrvPgm: Basic Routines - API Error Handling cpybk						51
	* -----						
000100+	/IF NOT DEFINED(BASICS1R2)				000000		51000100
	LINES EXCLUDED: 72						
007400+	/ENDIF				RADDAT 000000		51007400
010300+	*				RADDAT 000000		48010300
010400+	/ENDIF				RADDAT 000000		48010400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
003000+	/COPY QBASICS1,PBASICS1R7	Mathematics		CPY	000000		17003000
-----*							
	* RPG member name . . . . .	PBASICS1R7					52
	* External name . . . . .	WSDL2RPG/QBASICS1(PBASICS1R7)					52
	* Last change . . . . .	07/10/14 10:43:13					52
	* Text 'description' . . . . .	SrvPgm: Basic Routines - Mathematics cpybk					52
-----*							
000100+	/IF NOT DEFINED(BASICS1R7)	RADDAT			000000		52000100
	LINES EXCLUDED: 137						
013900+	/ENDIF	RADDAT			000000		52013900
003100+	/COPY QBASICS1,PBASICS1R8	Handle/Memory		CPY	000000		17003100
-----*							
	* RPG member name . . . . .	PBASICS1R8					53
	* External name . . . . .	WSDL2RPG/QBASICS1(PBASICS1R8)					53
	* Last change . . . . .	07/10/14 10:43:13					53
	* Text 'description' . . . . .	SrvPgm: Basic Routines - Handle/Memory cpybk					53
-----*							
000100+	/IF NOT DEFINED(BASICS1R8)	RADDAT			000000		53000100
000200+	/DEFINE BASICS1R8	RADDAT			000000		53000200
000300+	*	RADDAT			000000		53000300
000400+D	HANDLE_handle_t...	RADDAT			000000		53000400
000500+D	S 10I 0 based(pDummy)	RADDAT			000000		53000500
000600+D	HANDLE_type_t...	RADDAT			000000		53000600
000700+D	S 20A based(pDummy)	RADDAT			000000		53000700
000800+	*	RADDAT			000000		53000800
000900+	* Creates a new handle.	RADDAT			000000		53000900
001000+D	HANDLE_new...	RADDAT			000000		53001000
001100+D	PR like(HANDLE_handle_t)	RADDAT			000000		53001100
001200+D	extproc('BASICS1R8+	RADDAT			000000		53001200
001300+D	_HANDLE_new+	RADDAT			000000		53001300
001400+D	')	RADDAT			000000		53001400
001500+D	i_type value like(HANDLE_type_t )	RADDAT			000000		53001500
001600+D	i_size 10U 0 value	RADDAT			000000		53001600
001700+	*	RADDAT			000000		53001700
001800+	* Creates a NULL handle.	RADDAT			000000		53001800
001900+D	HANDLE_null...	RADDAT			000000		53001900
002000+D	PR like(HANDLE_handle_t)	RADDAT			000000		53002000
002100+D	extproc('BASICS1R8+	RADDAT			000000		53002100
002200+D	_HANDLE_null+	RADDAT			000000		53002200
002300+D	')	RADDAT			000000		53002300
002400+	*	RADDAT			000000		53002400
002500+	* Checks a handle for a NULL value.	RADDAT			000000		53002500
002600+D	HANDLE_isNull...	RADDAT			000000		53002600
002700+D	PR N	RADDAT			000000		53002700
002800+D	extproc('BASICS1R8+	RADDAT			000000		53002800
002900+D	_HANDLE_isNull+	RADDAT			000000		53002900
003000+D	')	RADDAT			000000		53003000
003100+D	i_handle value like(HANDLE_handle_t)	RADDAT			000000		53003100
003200+	*	RADDAT			000000		53003200
003300+	* Checks the type of a given handle.	RADDAT			000000		53003300
003400+D	HANDLE_isTypeOf...	RADDAT			000000		53003400
003500+D	PR N	RADDAT			000000		53003500
003600+D	extproc('BASICS1R8+	RADDAT			000000		53003600
003700+D	_HANDLE_isTypeOf+	RADDAT			000000		53003700
003800+D	')	RADDAT			000000		53003800
003900+D	i_handle value like(HANDLE_handle_t)	RADDAT			000000		53003900

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004000+D	i_type	value like(HANDLE_type_t )			000000		53004000
004100+ *					000000		53004100
004200+ *	Gets the pointer of a given handle.				000000		53004200
004300+D	HANDLE_getPointer...				000000		53004300
004400+D	PR *				000000		53004400
004500+D		extproc('BASICS1R8+			000000		53004500
004600+D		_HANDLE_getPointer+			000000		53004600
004700+D		')			000000		53004700
004800+D	i_handle	value like(HANDLE_handle_t)			000000		53004800
004900+ *					000000		53004900
005000+ *	Deletes a given handle.				000000		53005000
005100+D	HANDLE_delete...				000000		53005100
005200+D	PR				000000		53005200
005300+D		extproc('BASICS1R8+			000000		53005300
005400+D		_HANDLE_delete+			000000		53005400
005500+D		')			000000		53005500
005600+D	io_handle	like(HANDLE_handle_t)			000000		53005600
005700+ *					SCHOLZ		53005700
005800+ *	Allocates a memory cell and keeps track of it.				000000		53005800
005900+D	MEMORY_allocate...				SCHOLZ		53005900
006000+D	PR *				000000		53006000
006100+D		extproc('BASICS1R8+			000000		53006100
006200+D		_MEMORY_allocate+			000000		53006200
006300+D		')			000000		53006300
006400+D	io_aMemList				000000		53006400
006500+D	i_size	10I 0 value			SCHOLZ		53006500
006600+ *					SCHOLZ		53006600
006700+ *	Frees all allocated memory cells.				SCHOLZ		53006700
006800+D	MEMORY_freeAll...				SCHOLZ		53006800
006900+D	PR				SCHOLZ		53006900
007000+D		extproc('BASICS1R8+			000000		53007000
007100+D		_MEMORY_freeAll+			000000		53007100
007200+D		')			RADDAT		53007200
007300+D	io_aMemList				000000		53007300
007400+ *					RADDAT		53007400
007500+ *	Frees all given memory cell.				RADDAT		53007500
007600+D	MEMORY_free...				RADDAT		53007600
007700+D	PR				RADDAT		53007700
007800+D		extproc('BASICS1R8+			000000		53007800
007900+D		_MEMORY_free+			RADDAT		53007900
008000+D		')			RADDAT		53008000
008100+D	io_aMemList				RADDAT		53008100
008200+D	io_pMem				RADDAT		53008200
008300+ *					RADDAT		53008300
008400+D	MemoryManager_manager_t...				RADDAT		53008400
008500+D	DS	qualified based(pDummy)			RADDAT		53008500
008600+D	pAllocate	* procptr			RADDAT		53008600
008700+D	pReallocate	* procptr			RADDAT		53008700
008800+D	pFree	* procptr			RADDAT		53008800
008900+ *					RADDAT		53008900
009000+ *	Memory Manager -- Returns the default memory manager				RADDAT		53009000
009100+D	MemoryManager_getDefaultManager...				RADDAT		53009100
009200+D	PR	likeds(MemoryManager_manager_t)			RADDAT		53009200
009300+D		extproc('BASICS1R8+			RADDAT		53009300
009400+D		_MemoryManager_getDefaultManager+			RADDAT		53009400
009500+D		')			RADDAT		53009500

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
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009600+ *		RADDAT			000000		53009600
009700+ *	Memory Manager -- Reserve Storage Block	RADDAT			000000		53009700
009800+D	MemoryManager_allocate...	RADDAT			000000		53009800
009900+D	PR * extproc('BASICS1R8+	RADDAT			000000		53009900
010000+D	_MemoryManager_allocate+	RADDAT			000000		53010000
010100+D	')	RADDAT			000000		53010100
010200+D	i_size 10U 0 value	RADDAT			000000		53010200
010300+D	i_heap 10I 0 value options(*nopass)	RADDAT			000000		53010300
010400+ *		RADDAT			000000		53010400
010500+ *	Memory Manager -- Change Reserved Storage Block Size	RADDAT			000000		53010500
010600+D	MemoryManager_reallocate...	RADDAT			000000		53010600
010700+D	PR * extproc('BASICS1R8+	RADDAT			000000		53010700
010800+D	_MemoryManager_reallocate+	RADDAT			000000		53010800
010900+D	')	RADDAT			000000		53010900
011000+D	i_pMem * value	RADDAT			000000		53011000
011100+D	i_size 10U 0 value	RADDAT			000000		53011100
011200+ *		RADDAT			000000		53011200
011300+ *	Memory Manager -- Release Storage Blocks	RADDAT			000000		53011300
011400+D	MemoryManager_free...	RADDAT			000000		53011400
011500+D	PR extproc('BASICS1R8+	RADDAT			000000		53011500
011600+D	_MemoryManager_free+	RADDAT			000000		53011600
011700+D	')	RADDAT			000000		53011700
011800+D	io_pMem *	RADDAT			000000		53011800
011900+ *		RADDAT			000000		53011900
012000+ *	Memory Manager -- Creates a new heap.	RADDAT			000000		53012000
012100+D	MemoryManager_createHeap...	RADDAT			000000		53012100
012200+D	PR 10I 0	RADDAT			000000		53012200
012300+D	extproc('BASICS1R8+	RADDAT			000000		53012300
012400+D	_MemoryManager_createHeap+	RADDAT			000000		53012400
012500+D	')	RADDAT			000000		53012500
012600+D	i_initialSize 10I 0 const options(*nopass: *omit)	RADDAT			000000		53012600
012700+D	i_increment 10I 0 const options(*nopass: *omit)	RADDAT			000000		53012700
012800+D	i_allocStrat 10I 0 const options(*nopass: *omit)	RADDAT			000000		53012800
012900+ *		RADDAT			000000		53012900
013000+ *	Memory Manager -- Deletes an existing heap.	RADDAT			000000		53013000
013100+D	MemoryManager_deleteHeap...	RADDAT			000000		53013100
013200+D	PR	RADDAT			000000		53013200
013300+D	extproc('BASICS1R8+	RADDAT			000000		53013300
013400+D	_MemoryManager_deleteHeap+	RADDAT			000000		53013400
013500+D	')	RADDAT			000000		53013500
013600+D	io_heapID 10I 0	RADDAT			000000		53013600
013700+ *		RADDAT			000000		53013700
013800+ *	-----	RADDAT			000000		53013800
013900+ *	Imported prototypes	RADDAT			000000		53013900
014000+ *	-----	RADDAT			000000		53014000
014100+ /COPY QBASICS1,PBASICS1R4	Assert/This	RADDAT			000000	CPY	53014100
* -----							
* RPG member name . . . . .	: PBASICS1R4	*					54
* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R4)	*					54
* Last change . . . . .	: 07/10/14 10:43:13	*					54
* Text 'description' . . . . .	: SrvPgm: Basic Routines - Assert/This/Caller cpybk	*					54
* -----							
000100+ /IF NOT DEFINED(BASICS1R4)					000000		54000100
LINES EXCLUDED: 40							
004200+ /ENDIF		RADDAT			000000		54004200
014200+ *		RADDAT			000000		53014200



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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
014300+	/ENDIF	RADDAT			000000		53014300
003200+	/COPY QBASICS1,PBASICS1R9	Display Information		CPY	000000		17003200
*-----*							
	* RPG member name . . . . . : PBASICS1R9						55
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R9)						55
	* Last change . . . . . : 07/10/14 10:43:13						55
	* Text 'description' . . . . : SrvPgm: Basic Routines - Display Information						55
*-----*							
000100+	/IF NOT DEFINED(BASICS1R9)				000000		55000100
000200+	/DEFINE BASICS1R9				000000		55000200
000300+	*				000000		55000300
000400+	* Reference Fields	RADDAT			000000		55000400
000500+	D display_mode_t S 4A based(pDummy)	RADDAT			000000		55000500
000600+	*	RADDAT			000000		55000600
000700+	* Constants	RADDAT			000000		55000700
000800+	D cDISPLAY_MODE_DS3...	RADDAT			000000		55000800
000900+	D C const('*DS3')	RADDAT			000000		55000900
001000+	D cDISPLAY_MODE_DS4...	RADDAT			000000		55001000
001100+	D C const('*DS4')	RADDAT			000000		55001100
001200+	*	RADDAT			000000		55001200
001300+	* Returns the current display mode.	RADDAT			000000		55001300
001400+	D Display_getMode...	RADDAT			000000		55001400
001500+	D PR like(display_mode_t)	RADDAT			000000		55001500
001600+	D extproc('BASICS1R9+	RADDAT			000000		55001600
001700+	D _Display_getMode+	RADDAT			000000		55001700
001800+	D ')	RADDAT			000000		55001800
001900+	*	RADDAT			000000		55001900
002000+	* Returns cTrue if the display device support 27x132 mode.	RADDAT			000000		55002000
002100+	D Display_supportsDS4...	RADDAT			000000		55002100
002200+	D PR N	RADDAT			000000		55002200
002300+	D extproc('BASICS1R9+	RADDAT			000000		55002300
002400+	D _Display_supportsDS4+	RADDAT			000000		55002400
002500+	D ')	RADDAT			000000		55002500
002600+	*	RADDAT			000000		55002600
002700+	* Returns cTrue if the display device supports GUI characters.	RADDAT			000000		55002700
002800+	D Display_supportsGUI...	RADDAT			000000		55002800
002900+	D PR N	RADDAT			000000		55002900
003000+	D extproc('BASICS1R9+	RADDAT			000000		55003000
003100+	D _Display_supportsGUI+	RADDAT			000000		55003100
003200+	D ')	RADDAT			000000		55003200
003300+	*	RADDAT			000000		55003300
003400+	* Returns the number of rows that can be displayed on the screen.	RADDAT			000000		55003400
003500+	D Display_getRows...	RADDAT			000000		55003500
003600+	D PR 5I 0	RADDAT			000000		55003600
003700+	D extproc('BASICS1R9+	RADDAT			000000		55003700
003800+	D _Display_getRows+	RADDAT			000000		55003800
003900+	D ')	RADDAT			000000		55003900
004000+	D i_dspMode const like(display_mode_t)	RADDAT			000000		55004000
004100+	D options(*nopass)	RADDAT			000000		55004100
004200+	*	RADDAT			000000		55004200
004300+	* Returns the number of columns that can be displayed on the screen.	RADDAT			000000		55004300
004400+	D Display_getColumns...	RADDAT			000000		55004400
004500+	D PR 5I 0	RADDAT			000000		55004500
004600+	D extproc('BASICS1R9+	RADDAT			000000		55004600
004700+	D _Display_getColumns+	RADDAT			000000		55004700
004800+	D ')	RADDAT			000000		55004800

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
004900+D	i_dspMode	const like(display_mode_t)			000000		55004900
005000+D		options(*nopass)			000000		55005000
005100+ *					000000		55005100
005200+ *					000000		55005200
005300+ *	Deprecated procedure names				000000		55005300
005400+ *					000000		55005400
005500+ *					000000		55005500
005600+ *	Ermittelt den aktuellen Bildschirmmodus: *DS3 oder *DS4				000000		55005600
005700+D	f_getDisplayMode...				000000		55005700
005800+D	PR	like(display_mode_t)			000000		55005800
005900+D		extproc('BASICS1R9+			000000		55005900
006000+D		_Display_getMode+			000000		55006000
006100+D		')			000000		55006100
006200+ *					000000		55006200
006300+ *					000000		55006300
006400+ *	Imported prototypes				000000		55006400
006500+ *					000000		55006500
006600+ /COPY QBASICS1,PBASICS1R2		API Error Handling			000000	CPY	55006600
-----*							
	* RPG member name . . . . .	: PBASICS1R2					56
	* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R2)					56
	* Last change . . . . .	: 07/10/14 10:43:13					56
	* Text 'description' . . . . .	: SrvPgm: Basic Routines - API Error Handling cpybk					56
-----*							
000100+ /IF NOT DEFINED(BASICS1R2)					000000		56000100
	LINES EXCLUDED: 72						
007400+ /ENDIF					000000		56007400
006700+ *					000000		55006700
006800+ /ENDIF					000000		55006800
003300+ /COPY QBASICS1,PBASICS1RA		BasicList			000000	CPY	17003300
-----*							
	* RPG member name . . . . .	: PBASICS1RA					57
	* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1RA)					57
	* Last change . . . . .	: 07/10/14 10:43:13					57
	* Text 'description' . . . . .	: SrvPgm: Basic Routines - BasicList cpybk					57
-----*							
000100+ /IF NOT DEFINED(BASICS1RA)					000000		57000100
000200+ /DEFINE BASICS1RA					000000		57000200
000300+ *					000000		57000300
000400+D	BasicList_handle_t...				000000		57000400
000500+D	S	* based(pDummy)			000000		57000500
000600+D	BasicList_type_t...				000000		57000600
000700+D	S	32A based(pDummy)			000000		57000700
000800+ *					000000		57000800
000900+D	cBASICLIST_REMOVE_ALL...				000000		57000900
001000+D	C	const(-1)			000000		57001000
001100+ *					000000		57001100
001200+D	cBASICLIST_TYPE_UNKNOWN...				000000		57001200
001300+D	C	const('*N')			000000		57001300
001400+D	cBASICLIST_TYPE_VSTRING...				000000		57001400
001500+D	C	const('*VSTRING')			000000		57001500
001600+D	cBASICLIST_TYPE_CHARACTER...				000000		57001600
001700+D	C	const('*CHAR')			000000		57001700
001800+D	cBASICLIST_TYPE_INTEGER...				000000		57001800
001900+D	C	const('*INT')			000000		57001900
002000+D	cBASICLIST_TYPE_UIINTEGER...				000000		57002000

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
002100+D	C	const('*UINT')			000000		57002100
002200+D	cBASICLIST_TYPE_POINTER...				000000		57002200
002300+D	C	const('*POINTER')			000000		57002300
002400+ *					000000		57002400
002500+ *	Creates a new BasicList.				000000		57002500
002600+D	BasicList_new...				000000		57002600
002700+D	PR	like(BasicList_handle_t)			000000		57002700
002800+D		extproc('BASICS1RA+			000000		57002800
002900+D		_BasicList_new+			000000		57002900
003000+D		')			000000		57003000
003100+D	i_extType	const like(BasicList_type_t )			000000		57003100
003200+D		options(*nopass: *omit)			000000		57003200
003300+D	i_increment	10U 0 const options(*nopass: *omit)			000000		57003300
003400+D	i_heapID	10I 0 const options(*nopass: *omit)			000000		57003400
003500+ *					000000		57003500
003600+ *	Clones a given BasicList.				000000		57003600
003700+D	BasicList_clone...				000000		57003700
003800+D	PR	like(BasicList_handle_t)			000000		57003800
003900+D		extproc('BASICS1RA+			000000		57003900
004000+D		_BasicList_clone+			000000		57004000
004100+D		')			000000		57004100
004200+D	i_pList	const like(BasicList_handle_t)			000000		57004200
004300+ *					000000		57004300
004400+ *	Returns the element from the specified position.				000000		57004400
004500+D	BasicList_get...				000000		57004500
004600+D	PR	*			000000		57004600
004700+D		extproc('BASICS1RA+			000000		57004700
004800+D		_BasicList_get+			000000		57004800
004900+D		')			000000		57004900
005000+D	i_pList	const like(BasicList_handle_t)			000000		57005000
005100+D	i_index	10I 0 const			000000		57005100
005200+D	i_pEntry	* const options(*nopass)			000000		57005200
005300+D	i_length	10I 0 const options(*nopass)			000000		57005300
005400+ *					000000		57005400
005500+ *	Returns the string element from the specified position.				000000		57005500
005600+D	BasicList_getString...				000000		57005600
005700+D	PR	4096A varying			000000		57005700
005800+D		extproc('BASICS1RA+			000000		57005800
005900+D		_BasicList_getString+			000000		57005900
006000+D		')			000000		57006000
006100+D	i_pList	const like(BasicList_handle_t)			000000		57006100
006200+D	i_index	10I 0 const			000000		57006200
006300+ *					000000		57006300
006400+ *	Returns the pointer element from the specified position.				000000		57006400
006500+D	BasicList_getPointer...				000000		57006500
006600+D	PR	*			000000		57006600
006700+D		extproc('BASICS1RA+			000000		57006700
006800+D		_BasicList_getPointer+			000000		57006800
006900+D		')			000000		57006900
007000+D	i_pList	const like(BasicList_handle_t)			000000		57007000
007100+D	i_index	10I 0 const			000000		57007100
007200+ *					000000		57007200
007300+ *	Returns the type of the list.				000000		57007300
007400+D	BasicList_getListType...				000000		57007400
007500+D	PR	like(BasicList_type_t )			000000		57007500
007600+D		extproc('BASICS1RA+			000000		57007600

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
007700+D		_BasicList_getListType+			000000		57007700
007800+D		')			000000		57007800
007900+D	i_pList	const like(BasicList_handle_t)			000000		57007900
008000+ *					000000		57008000
008100+ *	Returns the type of the list.				000000		57008100
008200+D	BasicList_isListTypeOf...				000000		57008200
008300+D	PR	N			000000		57008300
008400+D		extproc('BASICS1RA+			000000		57008400
008500+D		_BasicList_isListTypeOf+			000000		57008500
008600+D		')			000000		57008600
008700+D	i_pList	const like(BasicList_handle_t)			000000		57008700
008800+D	i_type	const like(BasicList_type_t )			000000		57008800
008900+ *					000000		57008900
009000+ *	Checks an list entry for a given type.				000000		57009000
009100+D	BasicList_isTypeOf...				000000		57009100
009200+D	PR	N			000000		57009200
009300+D		extproc('BASICS1RA+			000000		57009300
009400+D		_BasicList_isTypeOf+			000000		57009400
009500+D		')			000000		57009500
009600+D	i_pList	const like(BasicList_handle_t)			000000		57009600
009700+D	i_index	10I 0 const			000000		57009700
009800+D	i_type	const like(BasicList_type_t )			000000		57009800
009900+ *					000000		57009900
010000+ *	Returns the type of the specified list entry.				000000		57010000
010100+D	BasicList_getType...				000000		57010100
010200+D	PR	like(BasicList_type_t )			000000		57010200
010300+D		extproc('BASICS1RA+			000000		57010300
010400+D		_BasicList_getType+			000000		57010400
010500+D		')			000000		57010500
010600+D	i_pList	const like(BasicList_handle_t)			000000		57010600
010700+D	i_index	10I 0 const			000000		57010700
010800+ *					000000		57010800
010900+ *	Returns the size of of an element.				000000		57010900
011000+D	BasicList_getSize...				000000		57011000
011100+D	PR	10I 0			000000		57011100
011200+D		extproc('BASICS1RA+			000000		57011200
011300+D		_BasicList_getSize+			000000		57011300
011400+D		')			000000		57011400
011500+D	i_pList	const like(BasicList_handle_t)			000000		57011500
011600+D	i_index	10I 0 const			000000		57011600
011700+ *					000000		57011700
011800+ *	Adds an element to a given BasicList.				000000		57011800
011900+D	BasicList_add...				000000		57011900
012000+D	PR	10I 0			000000		57012000
012100+D		extproc('BASICS1RA+			000000		57012100
012200+D		_BasicList_add+			000000		57012200
012300+D		')			000000		57012300
012400+D	i_pList	const like(BasicList_handle_t)			000000		57012400
012500+D	i_pEntry	* const options(*string)			000000		57012500
012600+D	i_length	10I 0 const options(*nopass: *omit)			000000		57012600
012700+D	i_type	const like(BasicList_type_t )			000000		57012700
012800+D		options(*nopass: *omit)			000000		57012800
012900+ *					000000		57012900
013000+ *	Adds a NULL value to a given BasicList.				000000		57013000
013100+D	BasicList_addNull...				000000		57013100
013200+D	PR	10I 0			000000		57013200

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
013300+D		extproc('BASICS1RA+			000000		57013300
013400+D		_BasicList_addNull+			000000		57013400
013500+D		')			000000		57013500
013600+D	i_pList	const like(BasicList_handle_t)			000000		57013600
013700+ *					000000		57013700
013800+ *	Adds a string element to a given BasicList.				000000		57013800
013900+D	BasicList_addString...				000000		57013900
014000+D	PR 10I 0				000000		57014000
014100+D		extproc('BASICS1RA+			000000		57014100
014200+D		_BasicList_addString+			000000		57014200
014300+D		')			000000		57014300
014400+D	i_pList	const like(BasicList_handle_t)			000000		57014400
014500+D	i_string 4096A	const varying			000000		57014500
014600+ *					000000		57014600
014700+ *	Adds a pointer element to a given BasicList.				000000		57014700
014800+D	BasicList_addPointer...				000000		57014800
014900+D	PR 10I 0				000000		57014900
015000+D		extproc('BASICS1RA+			000000		57015000
015100+D		_BasicList_addPointer+			000000		57015100
015200+D		')			000000		57015200
015300+D	i_pList	const like(BasicList_handle_t)			000000		57015300
015400+D	i_pointer *	const			000000		57015400
015500+ *					000000		57015500
015600+ *	Searches the list for a given element.				000000		57015600
015700+D	BasicList_find...				000000		57015700
015800+D	PR 10I 0				000000		57015800
015900+D		extproc('BASICS1RA+			000000		57015900
016000+D		_BasicList_find+			000000		57016000
016100+D		')			000000		57016100
016200+D	i_pList	const like(BasicList_handle_t)			000000		57016200
016300+D	i_pEntry *	const options(*string)			000000		57016300
016400+D	i_length 10I 0	const options(*nopass)			000000		57016400
016500+ *					000000		57016500
016600+ *	Searches the list for a given string.				000000		57016600
016700+D	BasicList_findString...				000000		57016700
016800+D	PR 10I 0				000000		57016800
016900+D		extproc('BASICS1RA+			000000		57016900
017000+D		_BasicList_findString+			000000		57017000
017100+D		')			000000		57017100
017200+D	i_pList	const like(BasicList_handle_t)			000000		57017200
017300+D	i_string 4096A	const varying			000000		57017300
017400+ *					000000		57017400
017500+ *	Changes the element at the specified position in this list.				000000		57017500
017600+D	BasicList_set...				000000		57017600
017700+D	PR 10I 0				000000		57017700
017800+D		extproc('BASICS1RA+			000000		57017800
017900+D		_BasicList_set+			000000		57017900
018000+D		')			000000		57018000
018100+D	i_pList	const like(BasicList_handle_t)			000000		57018100
018200+D	i_index 10I 0	const			000000		57018200
018300+D	i_pEntry *	const options(*string)			000000		57018300
018400+D	i_length 10I 0	const options(*nopass: *omit)			000000		57018400
018500+D	i_type	const like(BasicList_type_t )			000000		57018500
018600+D		options(*nopass: *omit)			000000		57018600
018700+ *					000000		57018700
018800+ *	Changes the element at the specified position to NULL.				000000		57018800

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
018900+D	BasicList_setNull...				000000		57018900
019000+D	PR				000000		57019000
019100+D		extproc('BASICS1RA+			000000		57019100
019200+D		_BasicList_setNull+			000000		57019200
019300+D		')			000000		57019300
019400+D	i_pList	const like(BasicList_handle_t)			000000		57019400
019500+D	i_index	10I 0 const			000000		57019500
019600+ *					000000		57019600
019700+ *	Changes the string at the specified position in this list.				000000		57019700
019800+D	BasicList_setString...				000000		57019800
019900+D	PR				000000		57019900
020000+D		extproc('BASICS1RA+			000000		57020000
020100+D		_BasicList_setString+			000000		57020100
020200+D		')			000000		57020200
020300+D	i_pList	const like(BasicList_handle_t)			000000		57020300
020400+D	i_index	10I 0 const			000000		57020400
020500+D	i_string	4096A const varying			000000		57020500
020600+ *					000000		57020600
020700+ *	Changes the pointer at the specified position in this list.				000000		57020700
020800+D	BasicList_setPointer...				000000		57020800
020900+D	PR				000000		57020900
021000+D		extproc('BASICS1RA+			000000		57021000
021100+D		_BasicList_setPointer+			000000		57021100
021200+D		')			000000		57021200
021300+D	i_pList	const like(BasicList_handle_t)			000000		57021300
021400+D	i_index	10I 0 const			000000		57021400
021500+D	i_pointer	* const			000000		57021500
021600+ *					000000		57021600
021700+ *	Specifies an auto-sort function for this list.				000000		57021700
021800+D	BasicList_setAutoSort...				000000		57021800
021900+D	PR	N			000000		57021900
022000+D		extproc('BASICS1RA+			000000		57022000
022100+D		_BasicList_setAutoSort+			000000		57022100
022200+D		')			000000		57022200
022300+D	i_pList	const like(BasicList_handle_t)			000000		57022300
022400+D	i_pSortFnc	* const procptr			000000		57022400
022500+ *					000000		57022500
022600+ *	Removes the element at the specified position in this list.				000000		57022600
022700+D	BasicList_remove...				000000		57022700
022800+D	PR				000000		57022800
022900+D		extproc('BASICS1RA+			000000		57022900
023000+D		_BasicList_remove+			000000		57023000
023100+D		')			000000		57023100
023200+D	i_pList	const like(BasicList_handle_t)			000000		57023200
023300+D	i_index	10I 0 const			000000		57023300
023400+ *					000000		57023400
023500+ *	Returns the number of lements in this list.				000000		57023500
023600+D	BasicList_getNumE...				000000		57023600
023700+D	PR				000000		57023700
023800+D		extproc('BASICS1RA+			000000		57023800
023900+D		_BasicList_getNumE+			000000		57023900
024000+D		')			000000		57024000
024100+D	i_pList	const like(BasicList_handle_t)			000000		57024100
024200+ *					000000		57024200
024300+ *	Returns the heap ID of a given BasicList.				000000		57024300
024400+D	BasicList_getHeapID...				000000		57024400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
024500+D	PR	10I 0			000000		57024500
024600+D		extproc('BASICS1RA+			000000		57024600
024700+D		_BasicList_getHeapID+			000000		57024700
024800+D		')			000000		57024800
024900+D	i_pList	const like(BasicList_handle_t)			000000		57024900
025000+ *					000000		57025000
025100+ *	Sorts a list using the specified sort function.				000000		57025100
025200+D	BasicList_sort...				000000		57025200
025300+D	PR	N			000000		57025300
025400+D		extproc('BASICS1RA+			000000		57025400
025500+D		_BasicList_sort+			000000		57025500
025600+D		')			000000		57025600
025700+D	i_pList	const like(BasicList_handle_t)			000000		57025700
025800+D	i_pSortFnc	* const procptr			000000		57025800
025900+ *					000000		57025900
026000+ *	Returns cTrue if a given list is sorted.				000000		57026000
026100+D	BasicList_isSorted...				000000		57026100
026200+D	PR	N			000000		57026200
026300+D		extproc('BASICS1RA+			000000		57026300
026400+D		_BasicList_isSorted+			000000		57026400
026500+D		')			000000		57026500
026600+D	i_pList	const like(BasicList_handle_t)			000000		57026600
026700+ *					000000		57026700
026800+ *	Removes all entries from a given list.				000000		57026800
026900+D	BasicList_clear...				000000		57026900
027000+D	PR	10I 0			000000		57027000
027100+D		extproc('BASICS1RA+			000000		57027100
027200+D		_BasicList_clear+			000000		57027200
027300+D		')			000000		57027300
027400+D	i_pList	const like(BasicList_handle_t)			000000		57027400
027500+ *					000000		57027500
027600+ *	Returns the total size of memory used by this list.				000000		57027600
027700+D	BasicList_getTotalSize...				000000		57027700
027800+D	PR	20I 0			000000		57027800
027900+D		extproc('BASICS1RA+			000000		57027900
028000+D		_BasicList_getTotalSize+			000000		57028000
028100+D		')			000000		57028100
028200+D	i_pList	const like(BasicList_handle_t)			000000		57028200
028300+ *					000000		57028300
028400+ *	Deletes a given BasicList.				000000		57028400
028500+D	BasicList_delete...				000000		57028500
028600+D	PR	10I 0			000000		57028600
028700+D		extproc('BASICS1RA+			000000		57028700
028800+D		_BasicList_delete+			000000		57028800
028900+D		')			000000		57028900
029000+D	io_pList	like(BasicList_handle_t)			000000		57029000
029100+ *					000000		57029100
029200+ *	Returns a BasicList NULL handle.				000000		57029200
029300+D	BasicList_null...				000000		57029300
029400+D	PR				000000		57029400
029500+D		extproc('BASICS1RA+			000000		57029500
029600+D		_BasicList_null+			000000		57029600
029700+D		')			000000		57029700
029800+ *					000000		57029800
029900+ *	Checks a given BasicList handle for a NULL value.				000000		57029900
030000+D	BasicList_isNull...				000000		57030000

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
030100+D	PR N				000000		57030100
030200+D		extproc('BASICS1RA+			000000		57030200
030300+D		_BasicList_isNull+			000000		57030300
030400+D		')			000000		57030400
030500+D	i_pList	const like(BasicList_handle_t)			000000		57030500
030600+ *					000000		57030600
030700+ *	Checks a given BasicList entry for a NULL value.				000000		57030700
030800+D	BasicList_isNullValue...				000000		57030800
030900+D	PR N				000000		57030900
031000+D		extproc('BASICS1RA+			000000		57031000
031100+D		_BasicList_isNullValue+			000000		57031100
031200+D		')			000000		57031200
031300+D	i_pList	const like(BasicList_handle_t)			000000		57031300
031400+D	i_index	10I 0 const			000000		57031400
031500+ *					000000		57031500
031600+ *					000000		57031600
031700+ *	Imported prototypes				000000		57031700
031800+ *					000000		57031800
031900+ /COPY QBASICS1,PBASICS1R4					000000		57031900
	* RPG member name . . . . .	: PBASICS1R4					58
	* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R4)					58
	* Last change . . . . .	: 07/10/14 10:43:13					58
	* Text 'description' . . . . .	: SrvPgm: Basic Routines - Assert/This/Caller cpybk					58
000100+ /IF NOT DEFINED(BASICS1R4)					000000		58000100
	LINES EXCLUDED: 40						
004200+ /ENDIF							
032000+ /COPY QBASICS1,PBASICS1R8					000000		58004200
	* RPG member name . . . . .	: PBASICS1R8					59
	* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1R8)					59
	* Last change . . . . .	: 07/10/14 10:43:13					59
	* Text 'description' . . . . .	: SrvPgm: Basic Routines - Handle/Memory cpybk					59
000100+ /IF NOT DEFINED(BASICS1R8)					000000		59000100
	LINES EXCLUDED: 141						
014300+ /ENDIF							
032100+ *					000000		59014300
032200+ /ENDIF					000000		57032100
003400+ /COPY QBASICS1,PBASICS1RB					000000		57032200
	* RPG member name . . . . .	: PBASICS1RB					60
	* External name . . . . .	: WSDL2RPG/QBASICS1(PBASICS1RB)					60
	* Last change . . . . .	: 07/10/14 10:43:13					60
	* Text 'description' . . . . .	: SrvPgm: Basic Routines - BasicStack cpybk					60
000100+ /IF NOT DEFINED(BASICS1RB)					000000		60000100
000200+ /DEFINE BASICS1RB					000000		60000200
000300+ *					000000		60000300
000400+D BasicStack_handle_t...					000000		60000400
000500+D S		like(BasicList_handle_t)			000000		60000500
000600+D		based(pDummy)			000000		60000600
000700+ *					000000		60000700
000800+ *	Creates a new BasicStack.				000000		60000800
000900+D BasicStack_new...					000000		60000900



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
001000+D	PR	like(BasicStack_handle_t )			000000		60001000
001100+D		extproc('BASICS1RB+			000000		60001100
001200+D		_BasicStack_new+			000000		60001200
001300+D		')			000000		60001300
001400+D	i_increment	10U 0 const options(*nopass: *omit)			000000		60001400
001500+D	i_heapID	10U 0 const options(*nopass: *omit)			000000		60001500
001600+ *					000000		60001600
001700+ *	Clones a given BasicStack. (not yet implemented)				000000		60001700
001800+D	BasicStack_clone...				000000		60001800
001900+D	PR	like(BasicStack_handle_t )			000000		60001900
002000+D		extproc('BASICS1RB+			000000		60002000
002100+D		_BasicStack_clone+			000000		60002100
002200+D		')			000000		60002200
002300+D	i_pStack	const like(BasicStack_handle_t )			000000		60002300
002400+ *					000000		60002400
002500+ *	Gets the last entry from top of the stack without removing it from stack.				000000		60002500
002600+D	BasicStack_peek...				000000		60002600
002700+D	PR	*			000000		60002700
002800+D		extproc('BASICS1RB+			000000		60002800
002900+D		_BasicStack_peek+			000000		60002900
003000+D		')			000000		60003000
003100+D	i_pStack	const like(BasicStack_handle_t )			000000		60003100
003200+D	i_pEntry	* const options(*nopass)			000000		60003200
003300+D	i_length	10I 0 const options(*nopass)			000000		60003300
003400+ *					000000		60003400
003500+ *	Removes the element at the top of the stack and returns that element.				000000		60003500
003600+D	BasicStack_pop...				000000		60003600
003700+D	PR	*			000000		60003700
003800+D		extproc('BASICS1RB+			000000		60003800
003900+D		_BasicStack_pop+			000000		60003900
004000+D		')			000000		60004000
004100+D	i_pStack	const like(BasicStack_handle_t )			000000		60004100
004200+D	i_pEntry	* const			000000		60004200
004300+D	i_length	10I 0 const			000000		60004300
004400+ *					000000		60004400
004500+ *	Pushes an item onto the top of the stack.				000000		60004500
004600+D	BasicStack_push...				000000		60004600
004700+D	PR	10I 0			000000		60004700
004800+D		extproc('BASICS1RB+			000000		60004800
004900+D		_BasicStack_push+			000000		60004900
005000+D		')			000000		60005000
005100+D	i_pStack	const like(BasicStack_handle_t )			000000		60005100
005200+D	i_pEntry	* const options(*string)			000000		60005200
005300+D	i_length	10I 0 const options(*nopass)			000000		60005300
005400+ *					000000		60005400
005500+ *	Returns the size of of the element that is on top of this stack.				000000		60005500
005600+D	BasicStack_getSize...				000000		60005600
005700+D	PR	10I 0			000000		60005700
005800+D		extproc('BASICS1RB+			000000		60005800
005900+D		_BasicStack_getSize+			000000		60005900
006000+D		')			000000		60006000
006100+D	i_pStack	const like(BasicStack_handle_t )			000000		60006100
006200+ *					000000		60006200
006300+ *	Returns the number of elements in this stack.				000000		60006300
006400+D	BasicStack_getNumE...				000000		60006400
006500+D	PR	10I 0			000000		60006500

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
006600+D	extproc('BASICS1RB+	RADDAT			000000		60006600
006700+D	_BasicStack_getNumE+				000000		60006700
006800+D	')	RADDAT			000000		60006800
006900+D	i_pStack const like(BasicStack_handle_t )				000000		60006900
007000+ *		RADDAT			000000		60007000
007100+ *	Returns the heap ID of a given BasicList.	RADDAT			000000		60007100
007200+D	BasicStack_getHeapID...	RADDAT			000000		60007200
007300+D	PR 10I 0	RADDAT			000000		60007300
007400+D	extproc('BASICS1RB+	RADDAT			000000		60007400
007500+D	_BasicStack_getHeapID+	RADDAT			000000		60007500
007600+D	')	RADDAT			000000		60007600
007700+D	i_pStack const like(BasicStack_handle_t )	RADDAT			000000		60007700
007800+ *		RADDAT			000000		60007800
007900+ *	Removes all entries from a given stack.	RADDAT			000000		60007900
008000+D	BasicStack_clear...	RADDAT			000000		60008000
008100+D	PR 10I 0	RADDAT			000000		60008100
008200+D	extproc('BASICS1RB+	RADDAT			000000		60008200
008300+D	_BasicStack_clear+	RADDAT			000000		60008300
008400+D	')	RADDAT			000000		60008400
008500+D	i_pStack const like(BasicStack_handle_t )	RADDAT			000000		60008500
008600+ *		RADDAT			000000		60008600
008700+ *	Deletes a given BasicStack.				000000		60008700
008800+D	BasicStack_delete...				000000		60008800
008900+D	PR 10I 0	RADDAT			000000		60008900
009000+D	extproc('BASICS1RB+	RADDAT			000000		60009000
009100+D	_BasicStack_delete+				000000		60009100
009200+D	')	RADDAT			000000		60009200
009300+D	io_pStack like(BasicStack_handle_t )	RADDAT			000000		60009300
009400+ *		RADDAT			000000		60009400
009500+ *	Returns a BasicStack NULL handle.				000000		60009500
009600+D	BasicStack_null...				000000		60009600
009700+D	PR like(BasicStack_handle_t )				000000		60009700
009800+D	extproc('BASICS1RB+	RADDAT			000000		60009800
009900+D	_BasicStack_null+				000000		60009900
010000+D	')	RADDAT			000000		60010000
010100+ *		RADDAT			000000		60010100
010200+ *	Checks a given BasicStack handle for a NULL value.				000000		60010200
010300+D	BasicStack_isNull...				000000		60010300
010400+D	PR N	RADDAT			000000		60010400
010500+D	extproc('BASICS1RB+	RADDAT			000000		60010500
010600+D	_BasicStack_isNull+				000000		60010600
010700+D	')	RADDAT			000000		60010700
010800+D	i_pStack const like(BasicStack_handle_t )				000000		60010800
010900+ *		RADDAT			000000		60010900
011000+ *	-----	RADDAT			000000		60011000
011100+ *	Imported prototypes	RADDAT			000000		60011100
011200+ *	-----	RADDAT			000000		60011200
011300+ *	/COPY QBASICS1,PBASICS1RA BasicList		CPY		000000		60011300
	*-----*						
	* RPG member name . . . . . : PBASICS1RA						61
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RA)						61
	* Last change . . . . . : 07/10/14 10:43:13						61
	* Text 'description' . . . . . : SrvPgm: Basic Routines - BasicList cpybk						61
	*-----*						
000100+ *	/IF NOT DEFINED(BASICS1RA)	RADDAT			000000		61000100
	LINES EXCLUDED: 320						

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
032200+	/ENDIF	RADDAT			000000		61032200
011400+	/COPY QBASICS1,PBASICS1R4	Assert/This/Caller	CPY		000000		60011400
*-----*							
	* RPG member name . . . . . : PBASICS1R4						62
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R4)						62
	* Last change . . . . . : 07/10/14 10:43:13						62
	* Text 'description' . . . . : SrvPgm: Basic Routines - Assert/This/Caller cpybk						62
*-----*							
000100+	/IF NOT DEFINED(BASICS1R4)				000000		62000100
	LINES EXCLUDED: 40						
004200+	/ENDIF	RADDAT			000000		62004200
011500+	*	RADDAT			000000		60011500
011600+	/ENDIF	RADDAT			000000		60011600
003500+	/COPY QBASICS1,PBASICS1RC	BasicMap	CPY		000000		17003500
*-----*							
	* RPG member name . . . . . : PBASICS1RC						63
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RC)						63
	* Last change . . . . . : 07/10/14 10:43:13						63
	* Text 'description' . . . . : SrvPgm: Basic Routines - BasicMap cpybk						63
*-----*							
000100+	/IF NOT DEFINED(BASICS1RC)	RADDAT			000000		63000100
000200+	/DEFINE BASICS1RC	RADDAT			000000		63000200
000300+	*	RADDAT			000000		63000300
000400+	D BasicMap_handle_t...				000000		63000400
000500+	D S like(BasicList_handle_t)				000000		63000500
000600+	D based(pDummy)				000000		63000600
000700+	D BasicMap_key_t...				000000		63000700
000800+	D S 4096A varying based(pDummy)				000000		63000800
000900+	*	RADDAT			000000		63000900
001000+	D BasicKeySet_handle_t...	RADDAT			000000		63001000
001100+	D S * based(pDummy)	RADDAT			000000		63001100
001200+	*	RADDAT			000000		63001200
001300+	* Creates a new BasicMap.				000000		63001300
001400+	D BasicMap_new...				000000		63001400
001500+	D PR like(BasicMap_handle_t )				000000		63001500
001600+	D extproc('BASICS1RC+	RADDAT			000000		63001600
001700+	D _BasicMap_new+				000000		63001700
001800+	D ')	RADDAT			000000		63001800
001900+	D i_increment 10U 0 const options(*nopass: *omit)	RADDAT			000000		63001900
002000+	D i_heapID 10I 0 const options(*nopass: *omit)	RADDAT			000000		63002000
002100+	*	RADDAT			000000		63002100
002200+	* Clones a given BasicMap.	RADDAT			000000		63002200
002300+	D BasicMap_clone...	RADDAT			000000		63002300
002400+	D PR like(BasicMap_handle_t )	RADDAT			000000		63002400
002500+	D extproc('BASICS1RC+	RADDAT			000000		63002500
002600+	D _BasicMap_clone+	RADDAT			000000		63002600
002700+	D ')	RADDAT			000000		63002700
002800+	D i_pMap const like(BasicMap_handle_t )	RADDAT			000000		63002800
002900+	*	RADDAT			000000		63002900
003000+	* Removes the mapping for this key from this map if it is present.				000000		63003000
003100+	D BasicMap_remove...				000000		63003100
003200+	D PR 10I 0				000000		63003200
003300+	D extproc('BASICS1RC+	RADDAT			000000		63003300
003400+	D _BasicMap_remove+				000000		63003400
003500+	D ')	RADDAT			000000		63003500
003600+	D i_pMap const like(BasicMap_handle_t )				000000		63003600

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
003700+D	i_key	const like(BasicMap_key_t )			000000		63003700
003800+D		options(*varsize)			000000		63003800
003900+ *					000000		63003900
004000+ *	Returns true if this map contains a mapping for the specified key.				000000		63004000
004100+D	BasicMap_containsKey...				000000		63004100
004200+D	PR	N			000000		63004200
004300+D		extproc('BASICS1RC+			000000		63004300
004400+D		_BasicMap_containsKey+			000000		63004400
004500+D		')			000000		63004500
004600+D	i_pMap	const like(BasicMap_handle_t )			000000		63004600
004700+D	i_key	const like(BasicMap_key_t )			000000		63004700
004800+D		options(*varsize)			000000		63004800
004900+ *					000000		63004900
005000+ *	Returns the value to which this map maps the specified key.				000000		63005000
005100+D	BasicMap_get...				000000		63005100
005200+D	PR	*			000000		63005200
005300+D		extproc('BASICS1RC+			000000		63005300
005400+D		_BasicMap_get+			000000		63005400
005500+D		')			000000		63005500
005600+D	i_pMap	const like(BasicMap_handle_t )			000000		63005600
005700+D	i_key	const like(BasicMap_key_t )			000000		63005700
005800+D		options(*varsize)			000000		63005800
005900+D	i_pEntry	* const options(*nopass)			000000		63005900
006000+D	i_length	10I 0 const options(*nopass)			000000		63006000
006100+ *					000000		63006100
006200+ *	Returns the string value to which this map maps the specified key.				000000		63006200
006300+D	BasicMap_getString...				000000		63006300
006400+D	PR	4096A			000000		63006400
006500+D		extproc('BASICS1RC+			000000		63006500
006600+D		_BasicMap_getString+			000000		63006600
006700+D		')			000000		63006700
006800+D	i_pMap	const like(BasicMap_handle_t )			000000		63006800
006900+D	i_key	const like(BasicMap_key_t )			000000		63006900
007000+D		options(*varsize)			000000		63007000
007100+ *					000000		63007100
007200+ *	Returns the integer value to which this map maps the specified key.				000000		63007200
007300+D	BasicMap_getInteger...				000000		63007300
007400+D	PR	10I 0			000000		63007400
007500+D		extproc('BASICS1RC+			000000		63007500
007600+D		_BasicMap_getInteger+			000000		63007600
007700+D		')			000000		63007700
007800+D	i_pMap	const like(BasicMap_handle_t )			000000		63007800
007900+D	i_key	const like(BasicMap_key_t )			000000		63007900
008000+D		options(*varsize)			000000		63008000
008100+ *					000000		63008100
008200+ *	Returns the value addressed by a given index.				000000		63008200
008300+D	BasicMap_getValueByIndex...				000000		63008300
008400+D	PR	*			000000		63008400
008500+D		extproc('BASICS1RC+			000000		63008500
008600+D		_BasicMap_getValueByIndex+			000000		63008600
008700+D		')			000000		63008700
008800+D	i_pMap	const like(BasicMap_handle_t )			000000		63008800
008900+D	i_index	10I 0 const			000000		63008900
009000+D	i_pEntry	* const options(*nopass)			000000		63009000
009100+D	i_length	10I 0 const options(*nopass)			000000		63009100
009200+ *					000000		63009200

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
009300+	* Returns the key addressed by a given index.				000000		63009300
009400+D	BasicMap_getKeyByIndex...				000000		63009400
009500+D	PR	like(BasicMap_key_t )			000000		63009500
009600+D		extproc('BASICS1RC+			000000		63009600
009700+D		_BasicMap_getKeyByIndex+			000000		63009700
009800+D		')			000000		63009800
009900+D	i_pMap	const like(BasicMap_handle_t )			000000		63009900
010000+D	i_index	10I 0 const			000000		63010000
010100+ *					000000		63010100
010200+ *	Associates the specified value with the specified key in this map.				000000		63010200
010300+ *	If the map previously contained a mapping for this key, the old				000000		63010300
010400+ *	value is replaced by the specified value.				000000		63010400
010500+D	BasicMap_put...				000000		63010500
010600+D	PR	10I 0			RADDAT		63010600
010700+D		extproc('BASICS1RC+			RADDAT		63010700
010800+D		_BasicMap_put+			000000		63010800
010900+D		')			RADDAT		63010900
011000+D	i_pMap	const like(BasicMap_handle_t )			000000		63011000
011100+D	i_key	const like(BasicMap_key_t )			000000		63011100
011200+D		options(*varsize)			000000		63011200
011300+D	i_pEntry	* const options(*string)			RADDAT		63011300
011400+D	i_length	10I 0 const options(*nopass)			RADDAT		63011400
011500+ *					RADDAT		63011500
011600+ *	Associates the specified value with the specified key in this map.				RADDAT		63011600
011700+ *	If the map previously contained a mapping for this key, the old				RADDAT		63011700
011800+ *	value is replaced by the specified value.				RADDAT		63011800
011900+D	BasicMap_putString...				RADDAT		63011900
012000+D	PR	10I 0			RADDAT		63012000
012100+D		extproc('BASICS1RC+			RADDAT		63012100
012200+D		_BasicMap_putString+			RADDAT		63012200
012300+D		')			RADDAT		63012300
012400+D	i_pMap	const like(BasicMap_handle_t )			RADDAT		63012400
012500+D	i_key	const like(BasicMap_key_t )			RADDAT		63012500
012600+D		options(*varsize)			RADDAT		63012600
012700+D	i_string	4096A const varying			RADDAT		63012700
012800+ *					RADDAT		63012800
012900+ *	Associates the specified value with the specified key in this map.				RADDAT		63012900
013000+ *	If the map previously contained a mapping for this key, the old				RADDAT		63013000
013100+ *	value is replaced by the specified value.				RADDAT		63013100
013200+D	BasicMap_putInteger...				RADDAT		63013200
013300+D	PR	10I 0			RADDAT		63013300
013400+D		extproc('BASICS1RC+			RADDAT		63013400
013500+D		_BasicMap_putInteger+			RADDAT		63013500
013600+D		')			RADDAT		63013600
013700+D	i_pMap	const like(BasicMap_handle_t )			RADDAT		63013700
013800+D	i_key	const like(BasicMap_key_t )			RADDAT		63013800
013900+D		options(*varsize)			RADDAT		63013900
014000+D	i_integer	10I 0 const			RADDAT		63014000
014100+ *					RADDAT		63014100
014200+ *	Returns the size of of the element that is associated with this key.				000000		63014200
014300+D	BasicMap_getSize...				000000		63014300
014400+D	PR	10I 0			RADDAT		63014400
014500+D		extproc('BASICS1RC+			RADDAT		63014500
014600+D		_BasicMap_getSize+			000000		63014600
014700+D		')			RADDAT		63014700
014800+D	i_pMap	const like(BasicMap_handle_t )			000000		63014800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10		Num	Line	Date	Id	Number
014900+D	i_key	const like(BasicMap_key_t )			000000		63014900
015000+D		options(*varsize)			000000		63015000
015100+ *					000000		63015100
015200+ *	Returns the size of of the element that is addressed by a given index.				000000		63015200
015300+D	BasicMap_getSizeByIndex...				000000		63015300
015400+D	PR	10I 0			000000		63015400
015500+D		extproc('BASICS1RC+			000000		63015500
015600+D		_BasicMap_getSizeByIndex+			000000		63015600
015700+D		')			000000		63015700
015800+D	i_pMap	const like(BasicMap_handle_t )			000000		63015800
015900+D	i_index	10I 0 const			000000		63015900
016000+ *					000000		63016000
016100+ *	Returns the number of key-value mappings in this map.				000000		63016100
016200+D	BasicMap_getNumE...				000000		63016200
016300+D	PR	10I 0			000000		63016300
016400+D		extproc('BASICS1RC+			000000		63016400
016500+D		_BasicMap_getNumE+			000000		63016500
016600+D		')			000000		63016600
016700+D	i_pMap	const like(BasicMap_handle_t )			000000		63016700
016800+ *					000000		63016800
016900+ *	Returns the heap ID of a given BasicMap.				000000		63016900
017000+D	BasicMap_getHeapID...				000000		63017000
017100+D	PR	10I 0			000000		63017100
017200+D		extproc('BASICS1RC+			000000		63017200
017300+D		_BasicMap_getHeapID+			000000		63017300
017400+D		')			000000		63017400
017500+D	i_pMap	const like(BasicMap_handle_t )			000000		63017500
017600+ *					000000		63017600
017700+ *	Returns a list of all keys that are in a given map.				000000		63017700
017800+D	BasicMap_getKeys...				000000		63017800
017900+D	PR	like(BasicList_handle_t)			000000		63017900
018000+D		extproc('BASICS1RC+			000000		63018000
018100+D		_BasicMap_getKeys+			000000		63018100
018200+D		')			000000		63018200
018300+D	i_pMap	const like(BasicMap_handle_t )			000000		63018300
018400+D	i_pSortFnc	* const procptr			000000		63018400
018500+D		options(*nopass)			000000		63018500
018600+ *					000000		63018600
018700+ *	Returns a list of all values that are in a given map.				000000		63018700
018800+D	BasicMap_getValues...				000000		63018800
018900+D	PR	like(BasicList_handle_t)			000000		63018900
019000+D		extproc('BASICS1RC+			000000		63019000
019100+D		_BasicMap_getValues+			000000		63019100
019200+D		')			000000		63019200
019300+D	i_pMap	const like(BasicMap_handle_t )			000000		63019300
019400+D	i_pSortFnc	* const procptr			000000		63019400
019500+D		options(*nopass)			000000		63019500
019600+ *					000000		63019600
019700+ *	Removes all entries from a given map.				000000		63019700
019800+D	BasicMap_clear...				000000		63019800
019900+D	PR	10I 0			000000		63019900
020000+D		extproc('BASICS1RC+			000000		63020000
020100+D		_BasicMap_clear+			000000		63020100
020200+D		')			000000		63020200
020300+D	i_pMap	const like(BasicMap_handle_t )			000000		63020300
020400+ *					000000		63020400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
020500+	* Deletes a given BasicMap.			000000		63020500	
020600+D	BasicMap_delete...			000000		63020600	
020700+D	PR 10I 0	RADDAT		000000		63020700	
020800+D	extproc('BASICS1RC+	RADDAT		000000		63020800	
020900+D	_BasicMap_delete+			000000		63020900	
021000+D	')	RADDAT		000000		63021000	
021100+D	io_pMap like(BasicMap_handle_t )			000000		63021100	
021200+	* Returns a BasicMap NULL handle.	RADDAT		000000		63021200	
021300+	* Returns a BasicMap NULL handle.			000000		63021300	
021400+D	BasicMap_null...			000000		63021400	
021500+D	PR like(BasicMap_handle_t )			000000		63021500	
021600+D	extproc('BASICS1RC+	RADDAT		000000		63021600	
021700+D	_BasicMap_null+			000000		63021700	
021800+D	')	RADDAT		000000		63021800	
021900+	* Checks a given BasicMap handle for a NULL value.	RADDAT		000000		63021900	
022000+	* Checks a given BasicMap handle for a NULL value.			000000		63022000	
022100+D	BasicMap_isNull...			000000		63022100	
022200+D	PR N	RADDAT		000000		63022200	
022300+D	extproc('BASICS1RC+	RADDAT		000000		63022300	
022400+D	_BasicMap_isNull+			000000		63022400	
022500+D	')	RADDAT		000000		63022500	
022600+D	i_pMap const like(BasicMap_handle_t )			000000		63022600	
022700+	* Produces a list of keys from a given map.	RADDAT		000000		63022700	
022800+	* Produces a list of keys from a given map.	RADDAT		000000		63022800	
022900+D	BasicMap_newKeySet...	RADDAT		000000		63022900	
023000+D	PR like(BasicKeySet_handle_t)	RADDAT		000000		63023000	
023100+D	extproc('BASICS1RC+	RADDAT		000000		63023100	
023200+D	_BasicMap_newKeySet+	RADDAT		000000		63023200	
023300+D	')	RADDAT		000000		63023300	
023400+D	i_pMap const like(BasicMap_handle_t )	RADDAT		000000		63023400	
023500+	* Returns the first entry of a given key set.	RADDAT		000000		63023500	
023600+	* Returns the first entry of a given key set.			000000		63023600	
023700+D	BasicKeySet_getFirst...	RADDAT		000000		63023700	
023800+D	PR like(BasicMap_key_t )			000000		63023800	
023900+D	extproc('BASICS1RC+	RADDAT		000000		63023900	
024000+D	_BasicKeySet_getFirst+	RADDAT		000000		63024000	
024100+D	')	RADDAT		000000		63024100	
024200+D	i_pKeySet const like(BasicKeySet_handle_t)	RADDAT		000000		63024200	
024300+	* Returns the next entry of a given key set.	RADDAT		000000		63024300	
024400+	* Returns the next entry of a given key set.			000000		63024400	
024500+D	BasicKeySet_getNext...	RADDAT		000000		63024500	
024600+D	PR like(BasicMap_key_t )			000000		63024600	
024700+D	extproc('BASICS1RC+	RADDAT		000000		63024700	
024800+D	_BasicKeySet_getNext+	RADDAT		000000		63024800	
024900+D	')	RADDAT		000000		63024900	
025000+D	i_pKeySet const like(BasicKeySet_handle_t)	RADDAT		000000		63025000	
025100+	* Deletes the key list associated to a given map.	RADDAT		000000		63025100	
025200+	* Deletes the key list associated to a given map.			000000		63025200	
025300+D	BasicKeySet_delete...	RADDAT		000000		63025300	
025400+D	PR 10I 0	RADDAT		000000		63025400	
025500+D	extproc('BASICS1RC+	RADDAT		000000		63025500	
025600+D	_BasicKeySet_delete+	RADDAT		000000		63025600	
025700+D	')	RADDAT		000000		63025700	
025800+D	io_pKeySet like(BasicKeySet_handle_t)	RADDAT		000000		63025800	
025900+	* -----	RADDAT		000000		63025900	
026000+	* -----	RADDAT		000000		63026000	

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Number			Num	Line	Date	Id	Number
026100+	* Imported prototypes	RADDAT			000000		63026100
026200+	* -----	RADDAT			000000		63026200
026300+	/COPY QBASICS1,PBASICS1RA BasicList		CPY		000000		63026300
	* -----						
	* RPG member name . . . . . : PBASICS1RA						64
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RA)						64
	* Last change . . . . . : 07/10/14 10:43:13						64
	* Text 'description' . . . . : SrvPgm: Basic Routines - BasicList cpybk						64
	* -----						
000100+	/IF NOT DEFINED(BASICS1RA)	RADDAT			000000		64000100
	LINES EXCLUDED: 320						
032200+	/ENDIF	RADDAT			000000		64032200
026400+	/COPY QBASICS1,PBASICS1R4 Assert/This/Caller		CPY		000000		63026400
	* -----						
	* RPG member name . . . . . : PBASICS1R4						65
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1R4)						65
	* Last change . . . . . : 07/10/14 10:43:13						65
	* Text 'description' . . . . : SrvPgm: Basic Routines - Assert/This/Caller cpybk						65
	* -----						
000100+	/IF NOT DEFINED(BASICS1R4)				000000		65000100
	LINES EXCLUDED: 40						
004200+	/ENDIF	RADDAT			000000		65004200
026500+	* -----	RADDAT			000000		63026500
026600+	/ENDIF	RADDAT			000000		63026600
003600+	/COPY QBASICS1,PBASICS1RD Url		CPY		000000		17003600
	* -----						
	* RPG member name . . . . . : PBASICS1RD						66
	* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RD)						66
	* Last change . . . . . : 07/10/14 10:43:13						66
	* Text 'description' . . . . : SrvPgm: Basic Routines - URL cpybk						66
	* -----						
000100+	/IF NOT DEFINED(BASICS1RD)	RADDAT			000000		66000100
000200+	/DEFINE BASICS1RD	RADDAT			000000		66000200
000300+	* -----	RADDAT			000000		66000300
000400+	/COPY QBASICS1,FDURL		CPY		000000		66000400
	* -----						
	* RPG member name . . . . . : FDURL						67
	* External name . . . . . : WSDL2RPG/QBASICS1(FDURL)						67
	* Last change . . . . . : 07/10/14 10:43:12						67
	* Text 'description' . . . . : cpybk : URL						67
	* -----						
000100+	/IF NOT DEFINED(url_t)	RADDAT			000000		67000100
000200+	/DEFINE url_t	RADDAT			000000		67000200
000300+	* -----	RADDAT			000000		67000300
000400+	* URL	RADDAT			000000		67000400
000500+	D url_t S 446A varying	RADDAT			000000		67000500
000600+	* -----	RADDAT			000000		67000600
000700+	/ENDIF	RADDAT			000000		67000700
000500+	* -----	RADDAT			000000		66000500
000600+	* Error ocdes	RADDAT			000000		66000600
000700+	D cURL_ERROR_EMPTY_URL...	RADDAT			000000		66000700
000800+	D C -1	RADDAT			000000		66000800
000900+	D cURL_ERROR_NO_PROTOCOL...	RADDAT			000000		66000900
001000+	D C -2	RADDAT			000000		66001000
001100+	D cURL_ERROR_UNSUPPORTED_PROTOCOL...	RADDAT			000000		66001100
001200+	D C -3	RADDAT			000000		66001200



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
001300+D	CURL_ERROR_INVALID_PORT_NUMBER...				000000		66001300
001400+D	C	-4			000000		66001400
001500+D	CURL_ERROR_UNSUPPORTED_OPERATION...				000000		66001500
001600+D	C	-5			000000		66001600
001700+D	CURL_ERROR_INVALID_OBJECT_DATA...				000000		66001700
001800+D	C	-6			000000		66001800
001900+ *					000000		66001900
002000+ *	Creates a new URL.				000000		66002000
002100+D	Url_new...				000000		66002100
002200+D	PR	like(url_t )			000000		66002200
002300+D		extproc('BASICS1RD+			000000		66002300
002400+D		_Url_new+			000000		66002400
002500+D		')			000000		66002500
002600+D	i_url	const like(url_t )			000000		66002600
002700+D	o_rc	10I 0 options(*nopass: *omit)			000000		66002700
002800+ *					000000		66002800
002900+ *	Returns the protocol of a given URL.				000000		66002900
003000+D	Url_getProtocol...				000000		66003000
003100+D	PR	like(url_t )			000000		66003100
003200+D		extproc('BASICS1RD+			000000		66003200
003300+D		_Url_getProtocol+			000000		66003300
003400+D		')			000000		66003400
003500+D	i_url	const like(url_t )			000000		66003500
003600+D	o_rc	10I 0 options(*nopass: *omit)			000000		66003600
003700+ *					000000		66003700
003800+ *	Sets the protocol of a given URL.				000000		66003800
003900+D	Url_setProtocol...				000000		66003900
004000+D	PR	N			000000		66004000
004100+D		extproc('BASICS1RD+			000000		66004100
004200+D		_Url_setProtocol+			000000		66004200
004300+D		')			000000		66004300
004400+D	io_url	like(url_t )			000000		66004400
004500+D	i_protocol	const like(url_t ) options(*varsize)			000000		66004500
004600+D	o_rc	10I 0 options(*nopass: *omit)			000000		66004600
004700+ *					000000		66004700
004800+ *	Returns the host name of a given URL.				000000		66004800
004900+D	Url_getHost...				000000		66004900
005000+D	PR	like(url_t )			000000		66005000
005100+D		extproc('BASICS1RD+			000000		66005100
005200+D		_Url_getHost+			000000		66005200
005300+D		')			000000		66005300
005400+D	i_url	const like(url_t )			000000		66005400
005500+D	o_rc	10I 0 options(*nopass: *omit)			000000		66005500
005600+ *					000000		66005600
005700+ *	Sets the host name of a given URL.				000000		66005700
005800+D	Url_setHost...				000000		66005800
005900+D	PR	N			000000		66005900
006000+D		extproc('BASICS1RD+			000000		66006000
006100+D		_Url_setHost+			000000		66006100
006200+D		')			000000		66006200
006300+D	io_url	like(url_t )			000000		66006300
006400+D	i_host	const like(url_t ) options(*varsize)			000000		66006400
006500+D	o_rc	10I 0 options(*nopass: *omit)			000000		66006500
006600+ *					000000		66006600
006700+ *	Returns the port of a given URL.				000000		66006700
006800+D	Url_getPort...				000000		66006800

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
006900+D	PR 10I 0				000000		66006900
007000+D		extproc('BASICS1RD+			000000		66007000
007100+D		_Url_getPort+			000000		66007100
007200+D		')			000000		66007200
007300+D	i_url	const like(url_t )			000000		66007300
007400+D	o_rc 10I 0	options(*nopass: *omit)			000000		66007400
007500+ *					000000		66007500
007600+ *	Sets the port number of a given URL.				000000		66007600
007700+D	Url_setPort...				000000		66007700
007800+D	PR N				000000		66007800
007900+D		extproc('BASICS1RD+			000000		66007900
008000+D		_Url_setPort+			000000		66008000
008100+D		')			000000		66008100
008200+D	io_url	like(url_t )			000000		66008200
008300+D	i_port 10I 0	const			000000		66008300
008400+D	o_rc 10I 0	options(*nopass: *omit)			000000		66008400
008500+ *					000000		66008500
008600+ *	Returns the path name of a given URL.				000000		66008600
008700+D	Url_getPath...				000000		66008700
008800+D	PR	like(url_t )			000000		66008800
008900+D		extproc('BASICS1RD+			000000		66008900
009000+D		_Url_getPath+			000000		66009000
009100+D		')			000000		66009100
009200+D	i_url	const like(url_t )			000000		66009200
009300+D	o_rc 10I 0	options(*nopass: *omit)			000000		66009300
009400+ *					000000		66009400
009500+ *	Sets the path of a given URL.				000000		66009500
009600+D	Url_setPath...				000000		66009600
009700+D	PR N				000000		66009700
009800+D		extproc('BASICS1RD+			000000		66009800
009900+D		_Url_setPath+			000000		66009900
010000+D		')			000000		66010000
010100+D	io_url	like(url_t )			000000		66010100
010200+D	i_path	const like(url_t ) options(*varsize)			000000		66010200
010300+D	o_rc 10I 0	options(*nopass: *omit)			000000		66010300
010400+ *					000000		66010400
010500+ *	Returns the file name of a given URL.				000000		66010500
010600+D	Url_getFile...				000000		66010600
010700+D	PR	like(url_t )			000000		66010700
010800+D		extproc('BASICS1RD+			000000		66010800
010900+D		_Url_getFile+			000000		66010900
011000+D		')			000000		66011000
011100+D	i_url	const like(url_t )			000000		66011100
011200+D	o_rc 10I 0	options(*nopass: *omit)			000000		66011200
011300+ *					000000		66011300
011400+ *	Sets the file of a given URL.				000000		66011400
011500+D	Url_setFile...				000000		66011500
011600+D	PR N				000000		66011600
011700+D		extproc('BASICS1RD+			000000		66011700
011800+D		_Url_setFile+			000000		66011800
011900+D		')			000000		66011900
012000+D	io_url	like(url_t )			000000		66012000
012100+D	i_file	const like(url_t ) options(*varsize)			000000		66012100
012200+D	o_rc 10I 0	options(*nopass: *omit)			000000		66012200
012300+ *					000000		66012300
012400+ *	Returns the query part of a given URL.				000000		66012400

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
012500+D	Url_getQuery...				000000	66012500	
012600+D	PR like(url_t )				000000	66012600	
012700+D	extproc('BASICS1RD+				000000	66012700	
012800+D	_Url_getQuery+				000000	66012800	
012900+D	')				000000	66012900	
013000+D	i_url const like(url_t )				000000	66013000	
013100+D	o_rc 10I 0 options(*nopass: *omit)				000000	66013100	
013200+ *					000000	66013200	
013300+ *	Sets the query part of a given URL.				000000	66013300	
013400+D	Url_setQuery...				000000	66013400	
013500+D	PR N				000000	66013500	
013600+D	extproc('BASICS1RD+				000000	66013600	
013700+D	_Url_setQuery+				000000	66013700	
013800+D	')				000000	66013800	
013900+D	io_url like(url_t )				000000	66013900	
014000+D	i_query const like(url_t ) options(*varsize)				000000	66014000	
014100+D	o_rc 10I 0 options(*nopass: *omit)				000000	66014100	
014200+ *					000000	66014200	
014300+ *	Returns the string representation of a given URL.				000000	66014300	
014400+D	Url_toString...				000000	66014400	
014500+D	PR 512A varying				000000	66014500	
014600+D	extproc('BASICS1RD+				000000	66014600	
014700+D	_Url_toString+				000000	66014700	
014800+D	')				000000	66014800	
014900+D	i_url const like(url_t )				000000	66014900	
015000+D	o_rc 10I 0 options(*nopass: *omit)				000000	66015000	
015100+ *					000000	66015100	
015200+ *	Returns the library, file and member of a URL of type 'mbr'.				000000	66015200	
015300+D	Url_getMbr...				000000	66015300	
015400+D	PR N				000000	66015400	
015500+D	extproc('BASICS1RD+				000000	66015500	
015600+D	_Url_getMbr+				000000	66015600	
015700+D	')				000000	66015700	
015800+D	i_url const like(url_t )				000000	66015800	
015900+D	o_file 10A options(*nopass: *omit)				000000	66015900	
016000+D	o_lib 10A options(*nopass: *omit)				000000	66016000	
016100+D	o_mbr 10A options(*nopass: *omit)				000000	66016100	
016200+D	o_rc 10I 0 options(*nopass: *omit)				000000	66016200	
016300+ *					000000	66016300	
016400+ *	-----				000000	66016400	
016500+ *	Imported prototypes				000000	66016500	
016600+ *	-----				000000	66016600	
016700+ *					000000	66016700	
016800+ /ENDIF					000000	66016800	
003700+ /COPY QBASICS1,PBASICS1RE	Date and Time				CPY 000000	17003700	
*-----*							
* RPG member name . . . . . : PBASICS1RE							68
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RE)							68
* Last change . . . . . : 07/10/14 10:43:13							68
* Text 'description' . . . . . : SrvPgm: Basic Routines - Date and Time cpybk							68
*-----*							
000100+ /IF NOT DEFINED(BASICS1RE)					000000	68000100	
000200+ /DEFINE BASICS1RE					000000	68000200	
000300+ *					000000	68000300	
000400+ *	Produces a date from a given year, month and day.				000000	68000400	
000500+D f_dateSerial...					000000	68000500	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
000600+D	PR D				000000		68000600
000700+D		extproc('BASICS1RE+			000000		68000700
000800+D		_f_dateSerial+			000000		68000800
000900+D		')			000000		68000900
001000+D	i_year 10I 0 const				000000		68001000
001100+D	i_month 10I 0 const				000000		68001100
001200+D	i_day 10I 0 const				000000		68001200
001300+ *					000000		68001300
001400+ *	-----				000000		68001400
001500+ *	Imported prototypes				000000		68001500
001600+ *	-----				000000		68001600
001700+ *					000000		68001700
001800+ /ENDIF					000000		68001800
003800+ /COPY QBASICS1,PBASICS1RF	System Values				000000	CPY	17003800
-----*							
* RPG member name . . . . . : PBASICS1RF *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RF) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . : SrvPgm: Basic Routines - System Values cpybk *							
-----*							
000100+ /IF NOT DEFINED(BASICS1RF)					000000		69000100
000200+ /DEFINE BASICS1RF					000000		69000200
000300+ *					000000		69000300
000400+ *	Retrieves an alpha-numeric system value.				000000		69000400
000500+D f_rtvSysVal_char...					000000		69000500
000600+D PR 4096A varying					000000		69000600
000700+D	extproc('BASICS1RE+				000000		69000700
000800+D	_f_rtvSysVal_char+				000000		69000800
000900+D	')				000000		69000900
001000+D i_name 10A const					000000		69001000
001100+D o_msg	likeds(msg_t )				000000		69001100
001200+D	options(*nopass: *omit)				000000		69001200
001300+ *					000000		69001300
001400+ *	Retrieves a numeric system value.				000000		69001400
001500+D f_rtvSysVal_num...					000000		69001500
001600+D PR 15P 5					000000		69001600
001700+D	extproc('BASICS1RE+				000000		69001700
001800+D	_f_rtvSysVal_num+				000000		69001800
001900+D	')				000000		69001900
002000+D i_name 10A const					000000		69002000
002100+D o_msg	likeds(msg_t )				000000		69002100
002200+D	options(*nopass: *omit)				000000		69002200
002300+ *					000000		69002300
002400+ *	-----				000000		69002400
002500+ *	Imported prototypes				000000		69002500
002600+ *	-----				000000		69002600
002700+ *					000000		69002700
002800+ /ENDIF					000000		69002800
003900+ /COPY QBASICS1,PBASICS1RG	BasicProperties				000000	CPY	17003900
-----*							
* RPG member name . . . . . : PBASICS1RG *							
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RG) *							
* Last change . . . . . : 07/10/14 10:43:13 *							
* Text 'description' . . . . : SrvPgm: Basic Routines - BasicProperties cpybk *							
-----*							
000100+ /IF NOT DEFINED(BASICS1RG)					000000		70000100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
000200+	/DEFINE BASICS1RG			000000		70000200	
000300+	*			000000		70000300	
000400+	D BasicProperties_handle_t...			000000		70000400	
000500+	D S *	based(pDummy)		000000		70000500	
000600+	*			000000		70000600	
000700+	D BasicProperties_decVal_t...			000000		70000700	
000800+	D S 31P10	based(pDummy)		000000		70000800	
000900+	*			000000		70000900	
001000+	* Creates a new BasicProperties.			000000		70001000	
001100+	D BasicProperties_new...			000000		70001100	
001200+	D PR	like(BasicProperties_handle_t)		000000		70001200	
001300+	D	extproc('BASICS1RG+		000000		70001300	
001400+	D	_BasicProperties_new+		000000		70001400	
001500+	D	')		000000		70001500	
001600+	D i_increment 10U 0 const	options(*nopass: *omit)		000000		70001600	
001700+	D i_heapID 10I 0 const	options(*nopass: *omit)		000000		70001700	
001800+	D *			000000		70001800	
001900+	* Clones a given BasicProperties.			000000		70001900	
002000+	D BasicProperties_clone...			000000		70002000	
002100+	D PR	like(BasicProperties_handle_t)		000000		70002100	
002200+	D	extproc('BASICS1RG+		000000		70002200	
002300+	D	_BasicProperties_clone+		000000		70002300	
002400+	D	')		000000		70002400	
002500+	D i_pProperties	const like(BasicProperties_handle_t)		000000		70002500	
002600+	D *			000000		70002600	
002700+	* Load properties from a given physical file member.			000000		70002700	
002800+	D BasicProperties_loadFromMember...			000000		70002800	
002900+	D PR 10I 0			000000		70002900	
003000+	D	extproc('BASICS1RG+		000000		70003000	
003100+	D	_BasicProperties_loadFromMember+		000000		70003100	
003200+	D	')		000000		70003200	
003300+	D i_pProperties	const like(BasicProperties_handle_t)		000000		70003300	
003400+	D i_file 10A const	varying		000000		70003400	
003500+	D i_lib 10A const	varying		000000		70003500	
003600+	D	options(*nopass: *omit)		000000		70003600	
003700+	D i_mbr 10A const	varying		000000		70003700	
003800+	D	options(*nopass: *omit)		000000		70003800	
003900+	D *			000000		70003900	
004000+	* Load properties from a given stream file.			000000		70004000	
004100+	D BasicProperties_loadFromStmf...			000000		70004100	
004200+	D PR 10I 0			000000		70004200	
004300+	D	extproc('BASICS1RG+		000000		70004300	
004400+	D	_BasicProperties_loadFromStmf+		000000		70004400	
004500+	D	')		000000		70004500	
004600+	D i_pProperties	const like(BasicProperties_handle_t)		000000		70004600	
004700+	D i_stmf 5000A const	varying options(*varsize)		000000		70004700	
004800+	D *			000000		70004800	
004900+	* Removes the entry that is associated to the specified key.			000000		70004900	
005000+	D BasicProperties_remove...			000000		70005000	
005100+	D PR 10I 0			000000		70005100	
005200+	D	extproc('BASICS1RG+		000000		70005200	
005300+	D	_BasicProperties_remove+		000000		70005300	
005400+	D	')		000000		70005400	
005500+	D i_pProperties	const like(BasicProperties_handle_t)		000000		70005500	
005600+	D i_key	const like(BasicMap_key_t)		000000		70005600	
005700+	D	options(*varsize)		000000		70005700	

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
005800+ *					000000		70005800
005900+ *	Returns true if the list of properties contains a entry matching				000000		70005900
006000+ *	the specified key value.				000000		70006000
006100+D	BasicProperties_containsKey...				000000		70006100
006200+D	PR N				000000		70006200
006300+D		extproc('BASICS1RG+			000000		70006300
006400+D		_BasicProperties_containsKey+			000000		70006400
006500+D		')			000000		70006500
006600+D	i_pProperties	const like(BasicProperties_handle_t)			000000		70006600
006700+D	i_key	const like(BasicMap_key_t )			000000		70006700
006800+D		options(*varsize)			000000		70006800
006900+ *					000000		70006900
007000+ *	Returns the string that is associated to the specified key.				000000		70007000
007100+D	BasicProperties_getString...				000000		70007100
007200+D	PR 4096A	varying			000000		70007200
007300+D		extproc('BASICS1RG+			000000		70007300
007400+D		_BasicProperties_getString+			000000		70007400
007500+D		')			000000		70007500
007600+D	i_pProperties	const like(BasicProperties_handle_t)			000000		70007600
007700+D	i_key	const like(BasicMap_key_t )			000000		70007700
007800+D		options(*varsize)			000000		70007800
007900+D	i_default 4096A	const varying			000000		70007900
008000+D		options(*nopass: *varsize)			000000		70008000
008100+ *					000000		70008100
008200+ *	Returns the integer value that is associated to the specified key.				000000		70008200
008300+D	BasicProperties_getInteger...				000000		70008300
008400+D	PR 10I 0				000000		70008400
008500+D		extproc('BASICS1RG+			000000		70008500
008600+D		_BasicProperties_getInteger+			000000		70008600
008700+D		')			000000		70008700
008800+D	i_pProperties	const like(BasicProperties_handle_t)			000000		70008800
008900+D	i_key	const like(BasicMap_key_t )			000000		70008900
009000+D		options(*varsize)			000000		70009000
009100+D	i_default 10I 0	const options(*nopass)			000000		70009100
009200+ *					000000		70009200
009300+ *	Returns the boolean value that is associated to the specified key.				000000		70009300
009400+D	BasicProperties_getBoolean...				000000		70009400
009500+D	PR N				000000		70009500
009600+D		extproc('BASICS1RG+			000000		70009600
009700+D		_BasicProperties_getBoolean+			000000		70009700
009800+D		')			000000		70009800
009900+D	i_pProperties	const like(BasicProperties_handle_t)			000000		70009900
010000+D	i_key	const like(BasicMap_key_t )			000000		70010000
010100+D		options(*varsize)			000000		70010100
010200+D	i_default N	const options(*nopass)			000000		70010200
010300+ *					000000		70010300
010400+ *	Returns the decimal value that is associated to the specified key.				000000		70010400
010500+D	BasicProperties_getDecimal...				000000		70010500
010600+D	PR	like(BasicProperties_decVal_t)			000000		70010600
010700+D		extproc('BASICS1RG+			000000		70010700
010800+D		_BasicProperties_getDecimal+			000000		70010800
010900+D		')			000000		70010900
011000+D	i_pProperties	const like(BasicProperties_handle_t)			000000		70011000
011100+D	i_key	const like(BasicMap_key_t )			000000		70011100
011200+D		options(*varsize)			000000		70011200
011300+D	i_default	const like(BasicProperties_decVal_t)			000000		70011300

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
011400+D	options(*nopass)				000000		70011400
011500+ *					000000		70011500
011600+ *	Associates the specified string value to a given key.				000000		70011600
011700+D	BasicProperties_putString...				000000		70011700
011800+D	PR 10I 0				000000		70011800
011900+D	extproc('BASICS1RG+				000000		70011900
012000+D	_BasicProperties_putString+				000000		70012000
012100+D	')				000000		70012100
012200+D	i_pProperties const like(BasicProperties_handle_t)				000000		70012200
012300+D	i_key const like(BasicMap_key_t)				000000		70012300
012400+D	options(*varsize)				000000		70012400
012500+D	i_string 4096A const varying				000000		70012500
012600+D	options(*varsize)				000000		70012600
012700+ *					000000		70012700
012800+ *	Associates the specified integer value to a given key.				000000		70012800
012900+D	BasicProperties_putInteger...				000000		70012900
013000+D	PR 10I 0				000000		70013000
013100+D	extproc('BASICS1RG+				000000		70013100
013200+D	_BasicProperties_putInteger+				000000		70013200
013300+D	')				000000		70013300
013400+D	i_pProperties const like(BasicProperties_handle_t)				000000		70013400
013500+D	i_key const like(BasicMap_key_t)				000000		70013500
013600+D	options(*varsize)				000000		70013600
013700+D	i_integer 10I 0 const				000000		70013700
013800+ *					000000		70013800
013900+ *	Associates the specified boolean value to a given key.				000000		70013900
014000+D	BasicProperties_putBoolean...				000000		70014000
014100+D	PR 10I 0				000000		70014100
014200+D	extproc('BASICS1RG+				000000		70014200
014300+D	_BasicProperties_putBoolean+				000000		70014300
014400+D	')				000000		70014400
014500+D	i_pProperties const like(BasicProperties_handle_t)				000000		70014500
014600+D	i_key const like(BasicMap_key_t)				000000		70014600
014700+D	options(*varsize)				000000		70014700
014800+D	i_boolean N const				000000		70014800
014900+ *					000000		70014900
015000+ *	Associates the specified decimal value to a given key.				000000		70015000
015100+D	BasicProperties_putDecimal...				000000		70015100
015200+D	PR like(BasicProperties_decVal_t)				000000		70015200
015300+D	extproc('BASICS1RG+				000000		70015300
015400+D	_BasicProperties_putDecimal+				000000		70015400
015500+D	')				000000		70015500
015600+D	i_pProperties const like(BasicProperties_handle_t)				000000		70015600
015700+D	i_key const like(BasicMap_key_t)				000000		70015700
015800+D	options(*varsize)				000000		70015800
015900+D	i_decimal const like(BasicProperties_decVal_t)				000000		70015900
016000+ *					000000		70016000
016100+ *	Returns the number of key-value mappings in this properties list.				000000		70016100
016200+D	BasicProperties_getNumE...				000000		70016200
016300+D	PR 10I 0				000000		70016300
016400+D	extproc('BASICS1RG+				000000		70016400
016500+D	_BasicProperties_getNumE+				000000		70016500
016600+D	')				000000		70016600
016700+D	i_pProperties const like(BasicProperties_handle_t)				000000		70016700
016800+ *					000000		70016800
016900+ *	Returns the heap ID of a given BasicProperties.				000000		70016900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
017000+D	BasicProperties_getHeapID...				000000		70017000
017100+D	PR 10I 0				000000		70017100
017200+D	extproc('BASICS1RG+				000000		70017200
017300+D	_BasicProperties_getHeapID+				000000		70017300
017400+D	')				000000		70017400
017500+D	i_pProperties const like(BasicProperties_handle_t)				000000		70017500
017600+ *					000000		70017600
017700+ *	Removes all entries from a given properties list.				000000		70017700
017800+D	BasicProperties_clear...				000000		70017800
017900+D	PR 10I 0				000000		70017900
018000+D	extproc('BASICS1RG+				000000		70018000
018100+D	_BasicProperties_clear+				000000		70018100
018200+D	')				000000		70018200
018300+D	i_pProperties const like(BasicProperties_handle_t)				000000		70018300
018400+ *					000000		70018400
018500+ *	Deletes a given BasicProperties.				000000		70018500
018600+D	BasicProperties_delete...				000000		70018600
018700+D	PR 10I 0				000000		70018700
018800+D	extproc('BASICS1RG+				000000		70018800
018900+D	_BasicProperties_delete+				000000		70018900
019000+D	')				000000		70019000
019100+D	io_pProperties...				000000		70019100
019200+D	like(BasicProperties_handle_t)				000000		70019200
019300+ *					000000		70019300
019400+ *	Returns a BasicProperties NULL handle.				000000		70019400
019500+D	BasicProperties_null...				000000		70019500
019600+D	PR like(BasicProperties_handle_t)				000000		70019600
019700+D	extproc('BASICS1RG+				000000		70019700
019800+D	_BasicProperties_null+				000000		70019800
019900+D	')				000000		70019900
020000+ *					000000		70020000
020100+ *	Checks a given BasicProperties handle for a NULL value.				000000		70020100
020200+D	BasicProperties_isNull...				000000		70020200
020300+D	PR N				000000		70020300
020400+D	extproc('BASICS1RG+				000000		70020400
020500+D	_BasicProperties_isNull+				000000		70020500
020600+D	')				000000		70020600
020700+D	i_pProperties const like(BasicProperties_handle_t)				000000		70020700
020800+ *					000000		70020800
020900+ *	Returns the list of key values from a given properties list.				000000		70020900
021000+D	BasicProperties_newKeySet...				000000		70021000
021100+D	PR like(BasicKeySet_handle_t)				000000		70021100
021200+D	extproc('BASICS1RG+				000000		70021200
021300+D	_BasicProperties_newKeySet+				000000		70021300
021400+D	')				000000		70021400
021500+D	i_pProperties const like(BasicProperties_handle_t)				000000		70021500
021600+ *					000000		70021600
021700+ *	-----				000000		70021700
021800+ *	Imported prototypes				000000		70021800
021900+ *	-----				000000		70021900
022000+ *					000000		70022000
022100+ /ENDIF					000000		70022100
004000+ /COPY QBASICS1,PBASICS1RH	MemoryBufferRdrWtr				CPY 000000		17004000
*-----*							
* RPG member name . . . . . : PBASICS1RH							71
* External name . . . . . : WSDL2RPG/QBASICS1(PBASICS1RH)							71
*-----*							



Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
1	...	...	1	1			71
2	* Last change . . . . . : 07/10/14 10:43:13						71
3	* Text 'description' . . . . . : SrvPgm: Basic Routines - MemoryBufferRdrWtr cpybk						71
4001	000100+ /IF NOT DEFINED(BASICS1RH)	RADDAT			000000		71000100
4002	000200+ /DEFINE BASICS1RH	RADDAT			000000		71000200
4003	000300+ *	RADDAT			000000		71000300
4004	000400+ /COPY QBASICS1,CLIB C Runtime Library	RADDAT	CPY		000000		71000400
5001	* RPG member name . . . . . : CLIB						72
5002	* External name . . . . . : WSDL2RPG/QBASICS1(CLIB)						72
5003	* Last change . . . . . : 07/10/14 10:43:12						72
5004	* Text 'description' . . . . . : Prototypes of C-Library (include)						72
6001	000100+ /IF NOT DEFINED(CLIB)	RADDAT	DEF		000000		72000100
6002	000200+ /DEFINE CLIB	RADDAT	DEF		000000		72000200
6003	000300+ *	RADDAT			000000		72000300
6004	000400+ * Basic C data types	RADDAT			000000		72000400
6005	000500+ /IF NOT DEFINED(C_DATA_TYPES)	RADDAT			000000		72000500
6006	000600+ /DEFINE C_DATA_TYPES	RADDAT			000000		72000600
6007	000700+ * C Data Types	RADDAT			000000		72000700
6008	000800+D char_t S 1A based(pDummy)	RADDAT			000000		72000800
6009	000900+D short_t S 5I 0 based(pDummy)	RADDAT			000000		72000900
6010	001000+D ushort_t S 5U 0 based(pDummy)	RADDAT			000000		72001000
6011	001100+D int_t S 10I 0 based(pDummy)	RADDAT			000000		72001100
6012	001200+D uint_t S 10U 0 based(pDummy)	RADDAT			000000		72001200
6013	001300+D long_t S 10I 0 based(pDummy)	RADDAT			000000		72001300
6014	001400+D ulong_t S 10U 0 based(pDummy)	RADDAT			000000		72001400
6015	001500+D float_t S 4F based(pDummy)	RADDAT			000000		72001500
6016	001600+D double_t S 8F based(pDummy)	RADDAT			000000		72001600
6017	001700+ /ENDIF	RADDAT			000000		72001700
6018	001800+ *	RADDAT			000000		72001800
6019	001900+ * stdin, stdout and stderr	RADDAT			000000		72001900
6020	002000+D stdin S * import('_C_IFS_stdin')	RADDAT			000000		72002000
6021	002100+D stdout S * import('_C_IFS_stdout')	RADDAT			000000		72002100
6022	002200+D stderr S * import('_C_IFS_stderr')	RADDAT			000000		72002200
6023	002300+ *	RADDAT			000000		72002300
6024	002400+ * system -- Execute a Command	RADDAT			000000		72002400
6025	002500+D system PR 10I 0 extproc('system')	RADDAT			000000		72002500
6026	002600+D i_clCommand * value options(*string)	RADDAT			000000		72002600
6027	002700+ *	RADDAT			000000		72002700
6028	002800+D EXCP_MSGID S 7A import('_EXCP_MSGID')	RADDAT			000000		72002800
6029	002900+ *	RADDAT			000000		72002900
6030	003000+ * time -- Determine Current Time	RADDAT			000000		72003000
6031	003100+D time...	RADDAT			000000		72003100
6032	003200+D PR 10i 0 extproc('time')	RADDAT			000000		72003200
6033	003300+D timeptr * value	RADDAT			000000		72003300
6034	003400+ *	RADDAT			000000		72003400
6035	003500+ * strftime -- Convert to Formatted Time	RADDAT			000000		72003500
6036	003600+D strftime...	RADDAT			000000		72003600
6037	003700+D PR 10i 0 extproc('strftime')	RADDAT			000000		72003700
6038	003800+D dest * value	RADDAT			000000		72003800
6039	003900+D maxsize 10i 0 value	RADDAT			000000		72003900
6040	004000+D format * value options(*string)	RADDAT			000000		72004000
6041	004100+D timeptr const likeds(tm_t)	RADDAT			000000		72004100
6042	004200+ *	RADDAT			000000		72004200
6043	004300+D tm_t DS qualified based(pDummy)	RADDAT			000000		72004300

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
004400+D	tm_sec	10I 0			RADDAT	000000	72004400
004500+D	tm_min	10I 0			RADDAT	000000	72004500
004600+D	tm_hour	10I 0			RADDAT	000000	72004600
004700+D	tm_mday	10I 0			RADDAT	000000	72004700
004800+D	tm_mon	10I 0			RADDAT	000000	72004800
004900+D	tm_year	10I 0			RADDAT	000000	72004900
005000+D	tm_wday	10I 0			RADDAT	000000	72005000
005100+D	tm_yday	10I 0			RADDAT	000000	72005100
005200+D	tm_isdst	10I 0			RADDAT	000000	72005200
005300+ *					RADDAT	000000	72005300
005400+ *	localtime() -- Correct Local Time, returns tm_t*				RADDAT	000000	72005400
005500+D	localtime...				RADDAT	000000	72005500
005600+D	PR	* extproc('localtime')			RADDAT	000000	72005600
005700+D	time	10I 0 const			RADDAT	000000	72005700
005800+ *					RADDAT	000000	72005800
005900+ *	localtime_r() -- Correct Local Time				RADDAT	000000	72005900
006000+D	localtime_r...				RADDAT	000000	72006000
006100+D	PR	* extproc('localtime_r')			RADDAT	000000	72006100
006200+D	time	10I 0 const			RADDAT	000000	72006200
006300+D	tm	const likeds(tm_t)			RADDAT	000000	72006300
006400+ *					RADDAT	000000	72006400
006500+ *	strtok -- Tokenize String				RADDAT	000000	72006500
006600+D	strtok	PR			RADDAT	000000	72006600
006700+D	i_string	* value options(*string)			RADDAT	000000	72006700
006800+D	i_delimiters	* value options(*string)			RADDAT	000000	72006800
006900+ *					RADDAT	000000	72006900
007000+ *	atoi -- Convert Character String to Integer				RADDAT	000000	72007000
007100+D	atoi	PR			RADDAT	000000	72007100
007200+D	i_string	* value options(*string)			RADDAT	000000	72007200
007300+ *					RADDAT	000000	72007300
007400+ *	memcpy -- Copy Bytes				RADDAT	000000	72007400
007500+D	memcpy	PR			RADDAT	000000	72007500
007600+D	i_pDest	* value			RADDAT	000000	72007600
007700+D	i_pSrc	* value			RADDAT	000000	72007700
007800+D	i_count	10U 0 value			RADDAT	000000	72007800
007900+ *					RADDAT	000000	72007900
008000+ *	memset -- Set Bytes to Value				RADDAT	000000	72008000
008100+D	memset	PR			RADDAT	000000	72008100
008200+D	i_pDest	* value			RADDAT	000000	72008200
008300+D	i_char	10I 0 value			RADDAT	000000	72008300
008400+D	i_count	10U 0 value			RADDAT	000000	72008400
008500+ *					RADDAT	000000	72008500
008600+ *	memmove -- Copy Bytes				RADDAT	000000	72008600
008700+ *	memmove allows copying between objects that may overlap				RADDAT	000000	72008700
008800+ *	as if src is first copied into a temporary array.				RADDAT	000000	72008800
008900+D	memmove	PR			RADDAT	000000	72008900
009000+D	pMemDest	* value			RADDAT	000000	72009000
009100+D	pMemSrc	* value			RADDAT	000000	72009100
009200+D	memSize	value like(size_t)			RADDAT	000000	72009200
009300+ *					RADDAT	000000	72009300
009400+ *	memcmp -- Compare Buffers				RADDAT	000000	72009400
009500+D	memcmp	PR			RADDAT	000000	72009500
009600+D	pBuf1	* value			RADDAT	000000	72009600
009700+D	pBuf2	* value			RADDAT	000000	72009700
009800+D	count	value like(size_t)			RADDAT	000000	72009800
009900+ *					RADDAT	000000	72009900

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
010000+	* memicmp -- Compare Bytes (ignore case)				000000		72010000
010100+D	memicmp PR 10I 0	extproc('__memicmp')			000000		72010100
010200+D	pBuf1 * value				000000		72010200
010300+D	pBuf2 * value				000000		72010300
010400+D	count 10U 0 value				000000		72010400
010500+	*				000000		72010500
010600+	* strcmp() -- Compare Strings				000000		72010600
010700+	* rc: less than 0 - string 1 less than string 2				000000		72010700
010800+	* 0 - string 1 equivalent to string 2				000000		72010800
010900+	* greater than 0 - string 1 greater than string 2				000000		72010900
011000+D	strcmp...				000000		72011000
011100+D	PR 10I 0				000000		72011100
011200+D		extproc('strcmp')			000000		72011200
011300+D	string1 * value	options(*string)			000000		72011300
011400+D	string2 * value	options(*string)			000000		72011400
011500+	*				000000		72011500
011600+	* strcasecmp() -- Compare Strings without Case Sensitivity				000000		72011600
011700+	* rc: less than 0 - string 1 less than string 2				000000		72011700
011800+	* 0 - string 1 equivalent to string 2				000000		72011800
011900+	* greater than 0 - string 1 greater than string 2				000000		72011900
012000+D	strcasecmp...				000000		72012000
012100+D	PR 10I 0				000000		72012100
012200+D		extproc('strcasecmp')			000000		72012200
012300+D	string1 * value	options(*string)			000000		72012300
012400+D	string2 * value	options(*string)			000000		72012400
012500+	/IF NOT DEFINED(TESTPTR)				000000		72012500
	LINES EXCLUDED: 27						
015300+	/ENDIF				000000		72015300
015400+	*				000000		72015400
015500+	* malloc() - Reserve Storage Block				000000		72015500
015600+D	TS_malloc...				000000		72015600
015700+D	PR * extproc('_C_TS_malloc')				000000		72015700
015800+D	i_size 10U 0 value				000000		72015800
015900+	*				000000		72015900
016000+	* realloc() - Change Reserved Storage Block Size				000000		72016000
016100+D	TS_realloc...				000000		72016100
016200+D	PR * extproc('_C_TS_realloc')				000000		72016200
016300+D	i_pMem * value				000000		72016300
016400+D	i_size 10U 0 value				000000		72016400
016500+	*				000000		72016500
016600+	* free() - Release Storage Blocks				000000		72016600
016700+D	TS_free...				000000		72016700
016800+D	PR extproc('_C_TS_free')				000000		72016800
016900+D	i_pMem * value				000000		72016900
017000+	*				000000		72017000
017100+	* _C_TS_malloc_info() - Determine amount of teraspace memory used				000000		72017100
017200+D	TS_malloc_info...				000000		72017200
017300+D	PR 10I 0 extproc('_C_TS_malloc_info')				000000		72017300
017400+D	o_c_mallinfo const likeds(C_mallinfo_t)				000000		72017400
017500+D	i_size 10U 0 value				000000		72017500
017600+	*				000000		72017600
017700+	* _C_TS_malloc_debug() - Determine amount of teraspace memory				000000		72017700
017800+	* used (with optional dumps and verification)				000000		72017800
017900+D	TS_malloc_debug...				000000		72017900
018000+D	PR 10I 0 extproc('_C_TS_malloc_debug')				000000		72018000
018100+D	i_dump_level 10U 0 value				000000		72018100

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
018200+D	i_vrfy_level	10U 0 value			000000		72018200
018300+D	o_c_mallinfo	const likeds(C_mallinfo_t)			000000		72018300
018400+D	i_size	10U 0 value			000000		72018400
018500+ *					000000		72018500
018600+ *	The following are possible values for the dump_level parameter				000000		72018600
018700+D	C_NO_DUMPS	C 0			000000		72018700
018800+ *	Dumps the _C_mallinfo_t structure:				000000		72018800
018900+D	C_DUMP_TOTALS	C 1			000000		72018900
019000+ *	Does a hex dump of all allocated chunks of teraspace storage,				000000		72019000
019100+ *	this is the entire 512K chunk of storage:				000000		72019100
019200+D	C_DUMP_CHUNKS	C 2			000000		72019200
019300+ *	Dumps each of the allocated nodes.				000000		72019300
019400+ *	There is a node for each malloc performed with the header				000000		72019400
019500+ *	associated with that malloc:				000000		72019500
019600+D	C_DUMP_NODES	C 3			000000		72019600
019700+ *	Dumps the cartesian tree used to keep track of the freed nodes:				000000		72019700
019800+D	C_DUMP_TREE	C 4			000000		72019800
019900+D	C_DUMP_ALL	C 9999			000000		72019900
020000+ *					000000		72020000
020100+ *	The following are possible values for the verify_level parameter				000000		72020100
020200+D	C_NO_CHECKS	C 0			000000		72020200
020300+D	C_CHECK_TOTALS	C 1			000000		72020300
020400+D	C_CHECK_CHUNKS	C 2			000000		72020400
020500+D	C_CHECK_NODES	C 3			000000		72020500
020600+D	C_CHECK_TREE	C 4			000000		72020600
020700+D	C_CHECK_ALL	C 9998			000000		72020700
020800+ *	Will call abort() if verification fails				000000		72020800
020900+D	C_CHECK_ALL_AND_ABORT...				000000		72020900
021000+D		C 9999			000000		72021000
021100+ *					000000		72021100
021200+ *	The following structure is used to return information				000000		72021200
021300+ *	from the _C_TS_malloc_info routine. The fields are:				000000		72021300
021400+ *	total_bytes	- bytes allocated from system			000000		72021400
021500+ *		(high water mark)			000000		72021500
021600+ *	allocated_bytes	- number of allocated bytes			000000		72021600
021700+ *	unallocated_bytes	- number of unallocated bytes			000000		72021700
021800+ *	allocated_blocks	- number of allocated blocks			000000		72021800
021900+ *	unallocated_blocks	- number of unallocated blocks			000000		72021900
022000+ *	requested_bytes	- bytes actually requested from malloc			000000		72022000
022100+ *	pad_bytes	- bytes used to pad allocation length			000000		72022100
022200+ *		to a multiple of 16			000000		72022200
022300+ *	overhead_bytes	- bytes used for malloc overhead			000000		72022300
022400+D	C_mallinfo_t...				000000		72022400
022500+D	DS	qualified based(pDummy)			000000		72022500
022600+D	total_bytes...				000000		72022600
022700+D		20I 0			000000		72022700
022800+D	allocated_bytes...				000000		72022800
022900+D		20I 0			000000		72022900
023000+D	unallocated_bytes...				000000		72023000
023100+D		20I 0			000000		72023100
023200+D	allocated_blocks...				000000		72023200
023300+D		20I 0			000000		72023300
023400+D	unallocated_blocks...				000000		72023400
023500+D		20I 0			000000		72023500
023600+D	requested_bytes...				000000		72023600
023700+D		20I 0			000000		72023700

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023800+D	pad_bytes...			000000		72023800	
023900+D	20I 0			000000		72023900	
024000+D	overhead_bytes...			000000		72024000	
024100+D	20I 0			000000		72024100	
024200+ *				000000		72024200	
024300+ *	malloc -- Reserve Storage Block			000000		72024300	
024400+D	malloc PR *	extproc('malloc')		000000		72024400	
024500+D	i_size 10U 0 value			000000		72024500	
024600+ *				000000		72024600	
024700+ *	realloc -- Change Reserved Storage Block Size			000000		72024700	
024800+D	realloc PR *	extproc('realloc')		000000		72024800	
024900+D	i_pMem *	value		000000		72024900	
025000+D	i_size 10U 0 value			000000		72025000	
025100+ *				000000		72025100	
025200+ *	free -- Release Storage Blocks			000000		72025200	
025300+D	free PR *	extproc('free')		000000		72025300	
025400+D	i_pMem *	value		000000		72025400	
025500+ *				000000		72025500	
025600+ *	srand -- Set Seed for rand Function e.g.: srand(getSeed(*null))			000000		72025600	
025700+D	srand PR *	extproc('srand')		000000		72025700	
025800+D	i_seed 10U 0 value			000000		72025800	
025900+ *				000000		72025900	
026000+ *	rand -- Generate Random Number x = rand()			000000		72026000	
026100+D	rand PR 10I 0	extproc('rand')		000000		72026100	
026200+ *				000000		72026200	
026300+D	RAND_MAX C	const(32767)		000000		72026300	
026400+ *				000000		72026400	
026500+ *	getSeed -- Get Seed for srand function			000000		72026500	
026600+D	getSeed PR 10I 0	extproc('time')		000000		72026600	
026700+D	i_timePtr *	value		000000		72026700	
026800+ *				000000		72026800	
026900+ *	strlen -- Determine String Length			000000		72026900	
027000+D	strlen...			000000		72027000	
027100+D	PR 10U 0	extproc('strlen')		000000		72027100	
027200+D	i_string *	value		000000		72027200	
027300+ *				000000		72027300	
027400+ *	tmpnam -- Produce Temporary File Name			000000		72027400	
027500+D	tmpnam PR *	extproc('tmpnam')		000000		72027500	
027600+D	pTmpNme *	value		000000		72027600	
027700+ *				000000		72027700	
027800+ *	_C_IFS_tmpnam -- Produce Temporary File Name for the IFS file system			000000		72027800	
027900+D	ifs_tmpnam PR *	extproc('_C_IFS_tmpnam')		000000		72027900	
028000+D	fileName *	value		000000		72028000	
028100+ *				000000		72028100	
028200+D	L_tmpnam C	const(39)		000000		72028200	! <stdio.h>
028300+ *				000000		72028300	
028400+D	TMP_MAX C	const(32767)		000000		72028400	! <stdio.h>
028500+ *				000000		72028500	
028600+ *	qsort -- Sort Array			000000		72028600	
028700+D	qsort PR *	extproc('qsort')		000000		72028700	
028800+D	memPtr *	value		000000		72028800	
028900+D	numElem	value like(size_t)		000000		72028900	
029000+D	width	value like(size_t)		000000		72029000	
029100+D	pSortFunc *	value procptr		000000		72029100	
029200+ *				000000		72029200	
029300+ *	bsearch -- Search Arrays			000000		72029300	

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
029400+D	bsearch	PR	*	extproc('bsearch')	RADDAT	000000	72029400
029500+D	keyPtr		*	value	RADDAT	000000	72029500
029600+D	memPtr		*	value	RADDAT	000000	72029600
029700+D	numElem			value like(size_t)	RADDAT	000000	72029700
029800+D	width			value like(size_t)	RADDAT	000000	72029800
029900+D	pSearchFnc		*	value procptr	RADDAT	000000	72029900
030000+ *					RADDAT	000000	72030000
030100+ *	iconv_open()	--Code Conversion Allocation API			RADDAT	000000	72030100
030200+D	iconv_open...				RADDAT	000000	72030200
030300+D		PR		extproc('iconv_open')	RADDAT	000000	72030300
030400+D				like(iconv_t )	RADDAT	000000	72030400
030500+D	i_toCode		*	value	RADDAT	000000	72030500
030600+D	i_fromCode		*	value	RADDAT	000000	72030600
030700+ *					RADDAT	000000	72030700
030800+D	iconv_t	DS		qualified based(pDummy) align	RADDAT	000000	72030800
030900+D	return_value		10I 0		RADDAT	000000	72030900
031000+D	cd		10I 0	dim(12)	RADDAT	000000	72031000
031100+ *					RADDAT	000000	72031100
031200+D	iconv_fromcode_t...				RADDAT	000000	72031200
031300+D		DS		qualified based(pDummy)	RADDAT	000000	72031300
031400+D	ibmccsid		8A		RADDAT	000000	72031400
031500+D	ccsid		5A		RADDAT	000000	72031500
031600+D	convAlt		3A		RADDAT	000000	72031600
031700+D	substAlt		1A		RADDAT	000000	72031700
031800+D	shiftStateAlt		1A		RADDAT	000000	72031800
031900+D	inpLengthOpt		1A		RADDAT	000000	72031900
032000+D	errOption		1A		RADDAT	000000	72032000
032100+D	reserved		12A		RADDAT	000000	72032100
032200+ *					RADDAT	000000	72032200
032300+D	iconv_tocode_t...				RADDAT	000000	72032300
032400+D		DS		qualified based(pDummy)	RADDAT	000000	72032400
032500+D	ibmccsid		8A		RADDAT	000000	72032500
032600+D	ccsid		5A		RADDAT	000000	72032600
032700+D	reserved		19A		RADDAT	000000	72032700
032800+ *					RADDAT	000000	72032800
032900+ *	QtqIconvOpen()	--Code Conversion Allocation API			RADDAT	000000	72032900
033000+D	QtqIconv_open...				RADDAT	000000	72033000
033100+D		PR		extproc('QtqIconvOpen')	RADDAT	000000	72033100
033200+D				likeds(iconv_t )	RADDAT	000000	72033200
033300+D	i_toCode			const likeds(QtqCode_t)	RADDAT	000000	72033300
033400+D	i_fromCode			const likeds(QtqCode_t)	RADDAT	000000	72033400
033500+ *					RADDAT	000000	72033500
033600+D	QtqCode_t...				RADDAT	000000	72033600
033700+D		DS		qualified based(pDummy)	RADDAT	000000	72033700
033800+D	ccsid		10I 0		RADDAT	000000	72033800
033900+D	conversionA		10I 0		RADDAT	000000	72033900
034000+D	substitutionA		10I 0		RADDAT	000000	72034000
034100+D	shiftStateA		10I 0		RADDAT	000000	72034100
034200+D	inpLenOpt		10I 0		RADDAT	000000	72034200
034300+D	errOptMxdDta		10I 0		RADDAT	000000	72034300
034400+D	reserved		12A		RADDAT	000000	72034400
034500+ *					RADDAT	000000	72034500
034600+ *	iconv()	--Code Conversion API			RADDAT	000000	72034600
034700+D	iconv...				RADDAT	000000	72034700
034800+D		PR	10U 0	extproc('iconv')	RADDAT	000000	72034800
034900+D	i_cd			value likeds(iconv_t )	RADDAT	000000	72034900

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
035000+D	i_pInBuf	*			000000		72035000
035100+D	i_inBytLeft	10U 0			000000		72035100
035200+D	i_pOutBuf	*			000000		72035200
035300+D	i_outBytLeft	10U 0			000000		72035300
035400+ *					000000		72035400
035500+D	cICONV_ERROR C	const(4294967295)			000000		72035500
035600+ *					000000		72035600
035700+ *	iconv_close()--Code Conversion Deallocation API				000000		72035700
035800+D	iconv_close...				000000		72035800
035900+D	PR	10I 0 extproc('iconv_close')			000000		72035900
036000+D	i_cd	value likeds(iconv_t )			000000		72036000
036100+ *					000000		72036100
036200+ *	0/-1 = stat()--Get File Information	include <sys/stat.h>			000000		72036200
036300+D	stat...				000000		72036300
036400+D	PR	10I 0 extproc('stat')			000000		72036400
036500+D	i_pPath	* value options(*string)			000000		72036500
036600+D	i_pStat	* value			000000		72036600
036700+ *					000000		72036700
036800+ *	0/-1 = fstat()--Get File Information by Descriptor	include <sys/stat.h>			000000		72036800
036900+D	fstat...				000000		72036900
037000+D	PR	10I 0 extproc('fstat')			000000		72037000
037100+D	i_fd	10I 0 value			000000		72037100
037200+D	i_stat	const likeds(st_stat_t)			000000		72037200
037300+ *					000000		72037300
037400+ *	0/-1 = lstat()--Get File or Link Information	include <sys/stat.h>			000000		72037400
037500+D	lstat...				000000		72037500
037600+D	PR	10I 0 extproc('lstat')			000000		72037600
037700+D	i_pPath	* value options(*string)			000000		72037700
037800+D	i_pStat	* value			000000		72037800
037900+ *					000000		72037900
038000+D	st_stat_t	DS qualified based(pDummy) align			000000		72038000
038100+D	mode	10U 0			000000		72038100
038200+D	ino	10U 0			000000		72038200
038300+D	nlink	5U 0			000000		72038300
038400+D	reserved2	2A			000000		72038400
038500+D	uid	10U 0			000000		72038500
038600+D	gid	10U 0			000000		72038600
038700+D	size	10I 0			000000		72038700
038800+D	atime	10I 0			000000		72038800
038900+D	mtime	10I 0			000000		72038900
039000+D	ctime	10I 0			000000		72039000
039100+D	dev	10U 0			000000		72039100
039200+D	blksize	10U 0			000000		72039200
039300+D	allocsize	10U 0			000000		72039300
039400+D	objtype	11A			000000		72039400
039500+D	reserved3	1A			000000		72039500
039600+D	codepage	5U 0			000000		72039600
039700+D	ccsid	5U 0			000000		72039700
039800+D	rdev	10U 0			000000		72039800
039900+D	nlink32	10U 0			000000		72039900
040000+D	rdev64	20U 0			000000		72040000
040100+D	dev64	20U 0			000000		72040100
040200+D	reserved1	36A			000000		72040200
040300+D	ino_gen_id	10U 0			000000		72040300
040400+ *					000000		72040400
040500+ *	Qp0lGetAttr()--Get Attributes				000000		72040500

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
040600+D	Qp0lGetAttr...				000000		72040600
040700+D	PR	10I 0 extproc('Qp0lGetAttr')			000000		72040700
040800+D	i_path	const likeds(Qlg_Path_Name_t)			000000		72040800
040900+D	i_attrArray	const like(Qlg_attrArray_t )			000000		72040900
041000+D	i_pBuffer	* value			000000		72041000
041100+D	i_bytPrv	10U 0 value			000000		72041100
041200+D	o_sizeNeeded	10U 0			000000		72041200
041300+D	o_bytRet	10U 0			000000		72041300
041400+D	i_followLnk	10U 0 value			000000		72041400
041500+ *					000000		72041500
041600+D	Qlg_Path_Name_t...				000000		72041600
041700+D	DS	qualified align based(pDummy)			000000		72041700
041800+D	CCSID	10I 0			000000		72041800
041900+D	Country_ID	2A			000000		72041900
042000+D	Language_ID	3A			000000		72042000
042100+D	Reserved	3A			000000		72042100
042200+D	Path_Type	10U 0			000000		72042200
042300+D	Path_Length	10I 0			000000		72042300
042400+D	Path_Name_Delimiter...				000000		72042400
042500+D		2A			000000		72042500
042600+D	Reserved2	10A			000000		72042600
042700+D	Path_Name	256A			000000		72042700
042800+ *					000000		72042800
042900+D	QLG_PATH_JOB_CCSID...				000000		72042900
043000+D	C	const(0)			000000		72043000
043100+D	QLG_PATH_JOB_COUNTRYID...				000000		72043100
043200+D	C	const(X'0000')			000000		72043200
043300+D	QLG_PATH_JOB_LANGUAGEID...				000000		72043300
043400+D	C	const(X'000000')			000000		72043400
043500+ *					000000		72043500
043600+ *	The Path_Name is a character string and the delimiter is one byte long.				000000		72043600
043700+D	QLG_CHAR_SINGLE...				000000		72043700
043800+D	C	const(0)			000000		72043800
043900+ *					000000		72043900
044000+ *	The Path_Name is a pointer and the delimiter is one byte long.				000000		72044000
044100+D	QLG_PTR_SINGLE...				000000		72044100
044200+D	C	const(1)			000000		72044200
044300+ *					000000		72044300
044400+ *	The Path_Name is a character string and the delimiter is two bytes long.				000000		72044400
044500+D	QLG_CHAR_DOUBLE...				000000		72044500
044600+D	C	const(2)			000000		72044600
044700+ *					000000		72044700
044800+ *	The Path_Name is a pointer and the delimiter is two bytes long.				000000		72044800
044900+D	QLG_PTR_DOUBLE...				000000		72044900
045000+D	C	const(3)			000000		72045000
045100+ *					000000		72045100
045200+D	Qlg_attrArray_t...				000000		72045200
045300+D	DS	qualified based(pDummy)			000000		72045300
045400+D	numE	10I 0			000000		72045400
045500+D	attr	10I 0 dim(64)			000000		72045500
045600+ *					000000		72045600
045700+D	Qlg_rtnAttr_t...				000000		72045700
045800+D	DS	qualified based(pDummy)			000000		72045800
045900+D	ofsNextAttr	10I 0			000000		72045900
046000+D	ID	10I 0			000000		72046000
046100+D	size	10I 0			000000		72046100



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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
046200+D	reserved				000000		72046200
046300+ *					000000		72046300
046400+D	QP0L_ATTR_OBJTYPE...				000000		72046400
046500+D	C	const(0)			000000		72046500
046600+D	QP0L_ATTR_DATA_SIZE...				000000		72046600
046700+D	C	const(1)			000000		72046700
046800+D	QP0L_ATTR_ALLOC_SIZE...				000000		72046800
046900+D	C	const(2)			000000		72046900
047000+D	QP0L_ATTR_EXTENDED_ATTR_SIZE...				000000		72047000
047100+D	C	const(3)			000000		72047100
047200+D	QP0L_ATTR_CREATE_TIME...				000000		72047200
047300+D	C	const(4)			000000		72047300
047400+D	QP0L_ATTR_ACCESS_TIME...				000000		72047400
047500+D	C	const(5)			000000		72047500
047600+D	QP0L_ATTR_CHANGE_TIME...				000000		72047600
047700+D	C	const(6)			000000		72047700
047800+D	QP0L_ATTR_MODIFY_TIME...				000000		72047800
047900+D	C	const(7)			000000		72047900
048000+D	QP0L_ATTR_STG_FREE...				000000		72048000
048100+D	C	const(8)			000000		72048100
048200+D	QP0L_ATTR_CHECKED_OUT...				000000		72048200
048300+D	C	const(9)			000000		72048300
048400+D	QP0L_ATTR_LOCAL_REMOTE...				000000		72048400
048500+D	C	const(10)			000000		72048500
048600+ *					000000		72048600
048700+D	QP0L_DONOT_FOLLOW_SYMLNK...				000000		72048700
048800+D	C	const(x'00')			000000		72048800
048900+D	QP0L_FOLLOW_SYMLNK...				000000		72048900
049000+D	C	const(x'01')			000000		72049000
049100+ *					000000		72049100
049200+D	QP0L_NOT_CHECKED_OUT...				000000		72049200
049300+D	C	const(x'00')			000000		72049300
049400+D	QP0L_CHECKED_OUT...				000000		72049400
049500+D	C	const(x'01')			000000		72049500
049600+ *					000000		72049600
049700+D	QP0L_LOCAL_OBJ...				000000		72049700
049800+D	C	const(x'01')			000000		72049800
049900+D	QP0L_REMOTE_OBJ...				000000		72049900
050000+D	C	const(x'02')			000000		72050000
050100+ *					000000		72050100
050200+ *	QlgGetcwd()--Get Current Directory (using NLS-enabled path name)				000000		72050200
050300+ *	Returns: Qlg_Path_Name_T				000000		72050300
050400+D	QlgGetcwd...				000000		72050400
050500+D	PR	* extproc('QlgGetcwd')			000000		72050500
050600+D	o_path	const likes(Qlg_Path_Name_t)			000000		72050600
050700+D	i_size	value like(size_t)			000000		72050700
050800+ *					000000		72050800
050900+ *	getcwd()--Get Current Directory				000000		72050900
051000+D	getcwd...				000000		72051000
051100+D	PR	* extproc('getcwd')			000000		72051100
051200+D	o_path	65535A const options(*varsize)			000000		72051200
051300+D	i_size	value like(size_t)			000000		72051300
051400+ *					000000		72051400
051500+ *	QlgChdir()--Change Current Directory (using NLS-enabled path name)				000000		72051500
051600+ *	Returns: Qlg_Path_Name_T				000000		72051600
051700+D	QlgChdir...				000000		72051700

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
051800+D	PR	10I 0 extproc('QlgChdir')			000000		72051800
051900+D	i_path	const likeds(Qlg_Path_Name_t)			000000		72051900
052000+ *					000000		72052000
052100+ *	chdir()--Change Current Directory				000000		72052100
052200+D	chdir...				000000		72052200
052300+D	PR	10I 0 extproc('chdir')			000000		72052300
052400+D	i_path	* value options(*string)			000000		72052400
052500+ *					000000		72052500
052600+ *	QSYSINC/SYS.TYPES				000000		72052600
052700+D	off_t	S	10I 0 based(pDummy)		000000		72052700
052800+D	size_t	S	10U 0 based(pDummy)		000000		72052800
052900+D	ssize_t	S	10I 0 based(pDummy)		000000		72052900
053000+D	time_t	S	10I 0 based(pDummy)		000000		72053000
053100+ *					000000		72053100
053200+ *	0/-1 = chmod()--Change File Authorizations	include <sys/stat.h>			000000		72053200
053300+D	chmod...				000000		72053300
053400+D	PR	10I 0 extproc('chmod')	= int		000000		72053400
053500+D	i_pPath	* value options(*string)	= *path		000000		72053500
053600+D	i_mode	10U 0 value	= mode_t =uint		000000		72053600
053700+ *					000000		72053700
053800+ *	mkdir()--Make Directory	include <sys/stat.h>			000000		72053800
053900+D	mkdir...				000000		72053900
054000+D	PR	10I 0 extproc('mkdir')	= rc		000000		72054000
054100+D	i_pPath	* value options(*string)	= *path		000000		72054100
054200+D	i_mode	10U 0 value	= mode_t =uint		000000		72054200
054300+ *					000000		72054300
054400+ *	rmdir()--Remove Directory	include <sys/stat.h>			000000		72054400
054500+D	rmdir...				000000		72054500
054600+D	PR	10I 0 extproc('rmdir')	= rc		000000		72054600
054700+D	i_pPath	* value options(*string)	= *path		000000		72054700
054800+ *					000000		72054800
054900+ *	opendir()--Open Directory	include <dirent.h>			000000		72054900
055000+D	opendir...				000000		72055000
055100+D	PR	* extproc('opendir')	= *DIR		000000		72055100
055200+D	i_pDirName	* value options(*string)	= *dirname		000000		72055200
055300+ *					000000		72055300
055400+ *	readdir()--Read Directory Entry				000000		72055400
055500+D	readdir...				000000		72055500
055600+D	PR	* extproc('readdir')	= *dirent		000000		72055600
055700+D	i_dirp	* value	= *DIR		000000		72055700
055800+ *					000000		72055800
055900+D	dirent_t	DS	qualified based(pDummy)		000000		72055900
056000+D	d_reserv1	16A			000000		72056000
056100+D	d_fileno_gen_id...				000000		72056100
056200+D		10U 0			000000		72056200
056300+D	d_fileno	10U 0			000000		72056300
056400+D	d_reclen	10U 0			000000		72056400
056500+D	d_reserv3	10I 0			000000		72056500
056600+D	d_reserv4	8A			000000		72056600
056700+ /if not defined(*V5R2M0)					000000		72056700
	LINES EXCLUDED: 1						
056900+ /else					000000		72056900
057000+D	d_nlsinfo	likeds(qlg_nls_t)			000000		72057000
057100+ /endif					000000		72057100
057200+D	d_namelen	10U 0			000000		72057200
057300+D	d_name	640A			000000		72057300

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
057400+ *					000000		72057400
057500+D qlg_nls_t	DS	qualified based(pDummy) align			000000		72057500
057600+D ccsid	10I 0				000000		72057600
057700+D country_id	2A				000000		72057700
057800+D language_id	3A				000000		72057800
057900+D nls_reserved	3A				000000		72057900
058000+ *					000000		72058000
058100+ * rewinddir()--Reset Directory Stream to Beginning					000000		72058100
058200+D rewinddir...					000000		72058200
058300+D	PR	extproc('rewinddir')			000000		72058300
058400+D i_dirp	*	value	=	*DIR	000000		72058400
058500+ *					000000		72058500
058600+ * closedir()--Close Directory					000000		72058600
058700+D closedir...					000000		72058700
058800+D	PR	10I 0 extproc('closedir')	=	rc	000000		72058800
058900+D i_dirp	*	value	=	*DIR	000000		72058900
059000+ *					000000		72059000
059100+ * fd/-1 = open()--Open File		include <fcntl.h>			000000		72059100
059200+D open...					000000		72059200
059300+D	PR	10I 0 extproc('open')	=	int	000000		72059300
059400+D i_pPath	*	value options(*string)	=	*path	000000		72059400
059500+D i_opnFLag	10I 0	value	=	int	000000		72059500
059600+D i_mode	10U 0	value options(*nopass)	=	uint	000000		72059600
059700+D i_codePage	10U 0	value options(*nopass)	=	uint	000000		72059700
059800+D i_crtCodePage	10U 0	value options(*nopass)	=	uint	000000		72059800
059900+ *					000000		72059900
060000+ * <sys/stat.h>					000000		72060000
060100+D S_IRUSR	C	const( 256)	!	Read For OwnRADDAT	000000		72060100
060200+D S_IWUSR	C	const( 128)	!	Write For OwRADDAT	000000		72060200
060300+D S_IXUSR	C	const( 64)	!	Exc/Srch ForRADDAT	000000		72060300
060400+D S_IRWXU	C	const( 448)	!	Rd/Wrt/Exc ORADDAT	000000		72060400
060500+ *					000000		72060500
060600+D S_IRGRP	C	const( 32)	!	Read For GroRADDAT	000000		72060600
060700+D S_IWGRP	C	const( 16)	!	Write For GrRADDAT	000000		72060700
060800+D S_IXGRP	C	const( 8)	!	Exc/Srch ForRADDAT	000000		72060800
060900+D S_IRWXG	C	const( 56)	!	Rd/Wrt/Exc GRADDAT	000000		72060900
061000+ *					000000		72061000
061100+D S_IROTH	C	const( 4)	!	Read For OthRADDAT	000000		72061100
061200+D S_IWOTH	C	const( 2)	!	Write For OtrADDAT	000000		72061200
061300+D S_IXOTH	C	const( 1)	!	Exc/Srch ForRADDAT	000000		72061300
061400+D S_IRWXO	C	const( 7)	!	Rd/Wrt/Exc ORADDAT	000000		72061400
061500+ *					000000		72061500
061600+D S_ISUID	C	const( 2048)			000000		72061600
061700+D S_ISGID	C	const( 1024)			000000		72061700
061800+D S_ISVTX	C	const( 512)			000000		72061800
061900+ *					000000		72061900
062000+ * <h/fcntl.h>					000000		72062000
062100+D O_CREAT	C	const( 8)	!	Append Mode RADDAT	000000		72062100
062200+D O_EXCL	C	const(16)	!	Exclusive UsRADDAT	000000		72062200
062300+D O_TRUNC	C	const(64)	!	Truncate FlaRADDAT	000000		72062300
062400+ *					000000		72062400
062500+D O_APPEND	C	const(256)	!	Append Mode RADDAT	000000		72062500
062600+ *					000000		72062600
062700+D O_CODEPAGE	C	const( 8388608)	!	Codepage FlaRADDAT	000000		72062700
062800+D O_TEXTDATA	C	const( 16777216)	!	Text Data FlRADDAT	000000		72062800
062900+D O_FORCE_SCAN	C	const( 67108864)	!	Force scan RADDAT	000000		72062900

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
063000+D	O_INHERITMODE C	const(134217728)	!	Inherit Mode	RADDAT	000000	72063000
063100+D	O_CCSID C	const( 32)	!	CCSID	RADDAT	000000	72063100
063200+D	O_TEXT_CREAT C	const( 33554432)	!		RADDAT	000000	72063200
063300+ *					RADDAT	000000	72063300
063400+D	O_SHARE_RDONLY C	const( 65536)	!	Shared Read	RADDAT	000000	72063400
063500+D	O_SHARE_WRONLY C	const(131072)	!	Shared Write	RADDAT	000000	72063500
063600+D	O_SHARE_RDWR C	const(262144)	!	Shared Rd/Wr	RADDAT	000000	72063600
063700+D	O_SHARE_NONE C	const(524288)	!	No Share	RADDAT	000000	72063700
063800+ *					RADDAT	000000	72063800
063900+D	O_RDONLY C	const(1)	!	Read Only	RADDAT	000000	72063900
064000+D	O_WRONLY C	const(2)	!	Write Only	RADDAT	000000	72064000
064100+D	O_RDWR C	const(4)	!	Read/Write	RADDAT	000000	72064100
064200+ *					RADDAT	000000	72064200
064300+ *	value/-1 = read()--Write from Descriptor	include <unistd.h>			RADDAT	000000	72064300
064400+D	read...				RADDAT	000000	72064400
064500+D	PR	extproc('read') like(ssize_t )	=	ssize_t	RADDAT	000000	72064500
064600+D	i_fd	10I 0 value	=	int	RADDAT	000000	72064600
064700+D	i_pBuffer	* value	=	*buf	RADDAT	000000	72064700
064800+D	i_buflen	value like(size_t )	=	size_t	RADDAT	000000	72064800
064900+ *					RADDAT	000000	72064900
065000+ *	value/-1 = write()--Write to Descriptor	include <unistd.h>			RADDAT	000000	72065000
065100+D	write...				RADDAT	000000	72065100
065200+D	PR	extproc('write') like(ssize_t )	=	ssize_t	RADDAT	000000	72065200
065300+D	i_fd	10I 0 value	=	int	RADDAT	000000	72065300
065400+D	i_pBuffer	* value	=	*buf	RADDAT	000000	72065400
065500+D	i_buflen	value like(size_t )	=	size_t	RADDAT	000000	72065500
065600+ *					RADDAT	000000	72065600
065700+ *	0/-1 = ftruncate()--Truncate File	include <unistd.h>			RADDAT	000000	72065700
065800+D	ftruncate...				RADDAT	000000	72065800
065900+D	PR	10I 0 extproc('ftruncate')	=	int	RADDAT	000000	72065900
066000+D	i_fd	10I 0 value	=	int	RADDAT	000000	72066000
066100+D	i_length	value like(off_t )	=	off_t	RADDAT	000000	72066100
066200+ *					RADDAT	000000	72066200
066300+ *	off_t = lseek()--Set File Read/Write Offset	include <unistd.h>			RADDAT	000000	72066300
066400+D	lseek...				RADDAT	000000	72066400
066500+D	PR	extproc('lseek') like(off_t )	=	off_t	RADDAT	000000	72066500
066600+D	i_fd	10I 0 value	=	int	RADDAT	000000	72066600
066700+D	i_offset	value like(off_t )	=	off_t	RADDAT	000000	72066700
066800+D	i_whence	10I 0 value	=	int	RADDAT	000000	72066800
066900+ *					RADDAT	000000	72066900
067000+ *	<h/unistd.h>				RADDAT	000000	72067000
067100+D	SEEK_SET C	const(0)	!	seek start	RADDAT	000000	72067100
067200+D	SEEK_CUR C	const(1)	!	seek curPos	RADDAT	000000	72067200
067300+D	SEEK_END C	const(2)	!	seek end	RADDAT	000000	72067300
067400+ *					RADDAT	000000	72067400
067500+ *	0/-1 = unlink()--Remove Link to File	include <unistd.h>			RADDAT	000000	72067500
067600+D	unlink...				RADDAT	000000	72067600
067700+D	PR	10I 0 extproc('unlink')	=	int	RADDAT	000000	72067700
067800+D	i_pPath	* value options(*string)	=	*path	RADDAT	000000	72067800
067900+ *					RADDAT	000000	72067900
068000+ *	0/-1 = Qp0lRenameKeep()--Rename File or Directory, Keep "new" If It Exists				RADDAT	000000	72068000
068100+D	Qp0lRenameKeep...				RADDAT	000000	72068100
068200+D	PR	10I 0 extproc('Qp0lRenameKeep')	=	int	RADDAT	000000	72068200
068300+D	i_pOldPath	* value options(*string)	=	*path	RADDAT	000000	72068300
068400+D	i_pNewPath	* value options(*string)	=	*path	RADDAT	000000	72068400
068500+ *					RADDAT	000000	72068500

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
068600+	* 0/-1 = Qp0lRenameUnlink()--Rename File or Directory, Unlink "new" If It Exists	RADDAT			000000		72068600
068700+D	Qp0lRenameUnlink...	RADDAT			000000		72068700
068800+D	PR 10I 0 extproc('Qp0lRenameUnlink')	= int RADDAT			000000		72068800
068900+D	i_pOldPath * value options(*string)	= *path RADDAT			000000		72068900
069000+D	i_pNewPath * value options(*string)	= *path RADDAT			000000		72069000
069100+	*	RADDAT			000000		72069100
069200+	* 0/-1 = close()--Close File or Socket Descriptor include <unistd.h>	RADDAT			000000		72069200
069300+	/IF NOT DEFINED(c_close_function)	RADDAT			000000		72069300
069400+	/DEFINE c_close_function	RADDAT			000000		72069400
069500+D	close...	RADDAT			000000		72069500
069600+D	PR 10I 0 extproc('close')	= int RADDAT			000000		72069600
069700+D	i_fd 10I 0 value	= int RADDAT			000000		72069700
069800+	/ENDIF	RADDAT			000000		72069800
069900+	*	RADDAT			000000		72069900
070000+	* errno--Set Pointer to Runtime Error Code	RADDAT			000000		72070000
070100+D	errno PR *	extproc('__errno') RADDAT			000000		72070100
070200+	*	RADDAT			000000		72070200
070300+	* strerror -- Set Pointer to Runtime Error Message	RADDAT			000000		72070300
070400+D	strerror PR *	extproc('strerror') RADDAT			000000		72070400
070500+D	errno 10I 0 value	RADDAT			000000		72070500
070600+	*	RADDAT			000000		72070600
070700+	* <sys/errno.h>	RADDAT			000000		72070700
070800+D	EDOM_C C const(3001)	domain error iRADDAT			000000		72070800
070900+D	ERANGE_C C const(3002)	range error inRADDAT			000000		72070900
071000+D	ETRUNC_C C const(3003)	truncation on RADDAT			000000		72071000
071100+D	ENOTOPEN_C C const(3004)	file has not bRADDAT			000000		72071100
071200+D	ENOTREAD_C C const(3005)	file not openeRADDAT			000000		72071200
071300+D	ERECIO_C C const(3008)	file opened foRADDAT			000000		72071300
071400+D	ENOTWRITE_C C const(3009)	file not openeRADDAT			000000		72071400
071500+D	ESTDIN_C C const(3010)	stdin cannot bRADDAT			000000		72071500
071600+D	ESTDOUT_C C const(3011)	stdout cannot RADDAT			000000		72071600
071700+D	ESTDERR_C C const(3012)	stderr cannot RADDAT			000000		72071700
071800+D	EBADSEEK_C C const(3013)	bad offset to RADDAT			000000		72071800
071900+D	EBADNAME_C C const(3014)	invalid file nRADDAT			000000		72071900
072000+D	EBADMODE_C C const(3015)	invalid file mRADDAT			000000		72072000
072100+D	EBADPOS_C C const(3017)	invalid positiRADDAT			000000		72072100
072200+D	ENOPOS_C C const(3018)	no record at sRADDAT			000000		72072200
072300+D	ENUMMBRS_C C const(3019)	no ftell if moRADDAT			000000		72072300
072400+D	ENUMRECS_C C const(3020)	no ftell if toRADDAT			000000		72072400
072500+D	EBADFUNC_C C const(3022)	invalid functiRADDAT			000000		72072500
072600+D	ENOREC_C C const(3026)	record not fouRADDAT			000000		72072600
072700+D	EBADDATA_C C const(3028)	message data iRADDAT			000000		72072700
072800+D	EBADOPT_C C const(3040)	bad option on RADDAT			000000		72072800
072900+D	ENOTUPD_C C const(3041)	file not openeRADDAT			000000		72072900
073000+D	ENOTDLT_C C const(3042)	file not openeRADDAT			000000		72073000
073100+D	EPAD_C C const(3043)	padding occurRADDAT			000000		72073100
073200+D	EBADKEYLN_C C const(3044)	bad key lengthRADDAT			000000		72073200
073300+D	EPUTANDGET_C C const(3080)	illegal write RADDAT			000000		72073300
073400+D	EGETANDPUT_C C const(3081)	illegal read aRADDAT			000000		72073400
073500+D	EIOERROR_C C const(3101)	I/O exception RADDAT			000000		72073500
073600+D	EIORECERR_C C const(3102)	I/O exception RADDAT			000000		72073600
073700+	*	RADDAT			000000		72073700
073800+	* The following values are defined by POSIX ISO/IEC 9945-1:1990.	RADDAT			000000		72073800
073900+D	EINVAL_C C const(3021)	invalid argumeRADDAT			000000		72073900
074000+D	EIO_C C const(3006)	input/output eRADDAT			000000		72074000
074100+D	ENODEV_C C const(3007)	no such deviceRADDAT			000000		72074100

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
074200+D	EBUSY_C C	const(3029)			000000		72074200
074300+D	ENOENT_C C	const(3025)			000000		72074300
074400+D	EPERM_C C	const(3027)			000000		72074400
074500+ *					000000		72074500
074600+ *	AS/400 specific error numbers				000000		72074600
074700+D	EACCES_C C	const(3401)			000000		72074700
074800+D	ENOTDIR_C C	const(3403)			000000		72074800
074900+D	ENOSPC_C C	const(3404)			000000		72074900
075000+D	EXDEV_C C	const(3405)			000000		72075000
075100+D	EWOLDBLOCK_C C	const(3406)			000000		72075100
075200+D	EAGAIN_C C	const(3406)			000000		72075200
075300+D	EINTR_C C	const(3407)			000000		72075300
075400+D	EFAULT_C C	const(3408)			000000		72075400
075500+D	ETIME_C C	const(3409)			000000		72075500
075600+D	ENXIO_C C	const(3415)			000000		72075600
075700+D	ECLOSED_C C	const(3417)			000000		72075700
075800+D	EADDRINUSE_C C	const(3420)			000000		72075800
075900+D	EADDRNOTAVAIL_C...				000000		72075900
076000+D		const(3421)			000000		72076000
076100+D	EAFNOSUPPORT_C C	const(3422)			000000		72076100
076200+D	EALREADY_C C	const(3423)			000000		72076200
076300+D	ECONNABORTED_C C	const(3424)			000000		72076300
076400+D	ECONNREFUSED_C C	const(3425)			000000		72076400
076500+D	ECONNRESET_C C	const(3426)			000000		72076500
076600+D	EDESTADDRREQ_C C	const(3427)			000000		72076600
076700+D	EHOSTDOWN_C C	const(3428)			000000		72076700
076800+D	EHOSTUNREACH_C C	const(3429)			000000		72076800
076900+D	EINPROGRESS_C C	const(3430)			000000		72076900
077000+D	EISCONN_C C	const(3431)			000000		72077000
077100+D	EMSGSIZE_C C	const(3432)			000000		72077100
077200+D	ENETDOWN_C C	const(3433)			000000		72077200
077300+D	ENETRESET_C C	const(3434)			000000		72077300
077400+D	ENETUNREACH_C C	const(3435)			000000		72077400
077500+D	ENOBUFS_C C	const(3436)			000000		72077500
077600+D	ENOPROTOPT_C C	const(3437)			000000		72077600
077700+D	ENOTCONN_C C	const(3438)			000000		72077700
077800+D	ENOTSOCK_C C	const(3439)			000000		72077800
077900+D	ENOTSUP_C C	const(3440)			000000		72077900
078000+D	EOPNOTSUPP_C C	const(3440)			000000		72078000
078100+D	EPFNOSUPPORT_C C	const(3441)			000000		72078100
078200+D	EPROTOSUPPORT_C...				000000		72078200
078300+D		const(3442)			000000		72078300
078400+D	EPROTOTYPE_C C	const(3443)			000000		72078400
078500+D	ERCVDERR_C C	const(3444)			000000		72078500
078600+D	ESHUTDOWN_C C	const(3445)			000000		72078600
078700+D	ESOCKTNOSUPPORT_C...				000000		72078700
078800+D		const(3446)			000000		72078800
078900+D	ETIMEDOUT_C C	const(3447)			000000		72078900
079000+D	EUNATCH_C C	const(3448)			000000		72079000
079100+D	EBADF_C C	const(3450)			000000		72079100
079200+D	EMFILE_C C	const(3452)			000000		72079200
079300+D	ENFILE_C C	const(3453)			000000		72079300
079400+D	EPIPE_C C	const(3455)			000000		72079400
079500+D	EEXIST_C C	const(3457)			000000		72079500
079600+D	EDEADLK_C C	const(3459)			000000		72079600
079700+D	ENOMEM_C C	const(3460)			000000		72079700

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
079800+D	EOWNERTERM_C C	const(3462)			000000		72079800
079900+D	EDESTROYED_C C	const(3463)			000000		72079900
080000+D	ETERM_C C	const(3464)			000000		72080000
080100+D	EMLINK_C C	const(3468)			000000		72080100
080200+D	ESPIPE_C C	const(3469)			000000		72080200
080300+D	ENOSYS_C C	const(3470)			000000		72080300
080400+D	EISDIR_C C	const(3471)			000000		72080400
080500+D	EROFS_C C	const(3472)			000000		72080500
080600+D	EUNKNOWN_C C	const(3474)			000000		72080600
080700+D	EITERBAD_C C	const(3475)			000000		72080700
080800+D	EDAMAGE_C C	const(3484)			000000		72080800
080900+D	ELOOP_C C	const(3485)			000000		72080900
081000+D	ENAMETOOLONG_C C	const(3486)			000000		72081000
081100+D	ENOLCK_C C	const(3487)			000000		72081100
081200+D	ENOTEMPTY_C C	const(3488)			000000		72081200
081300+D	ENOSYSRSC_C C	const(3489)			000000		72081300
081400+D	ECONVERT_C C	const(3490)			000000		72081400
081500+D	E2BIG_C C	const(3491)			000000		72081500
081600+D	EILSEQ_C C	const(3492)			000000		72081600
081700+D	ESOFTDAMAGE_C C	const(3497)			000000		72081700
081800+D	ENOTENROLL_C C	const(3498)			000000		72081800
081900+D	EOFFLINE_C C	const(3499)			000000		72081900
082000+D	EROOBJ_C C	const(3500)			000000		72082000
082100+D	ELOCKED_C C	const(3506)			000000		72082100
082200+D	EFBIG_C C	const(3507)			000000		72082200
082300+D	EIDRM_C C	const(3509)			000000		72082300
082400+D	ENOMSG_C C	const(3510)			000000		72082400
082500+D	EFILECVT_C C	const(3511)			000000		72082500
082600+D	EBADFID_C C	const(3512)			000000		72082600
082700+D	ESTALE_C C	const(3513)			000000		72082700
082800+D	ESRCH_C C	const(3515)			000000		72082800
082900+D	ENOTSIGINIT_C C	const(3516)			000000		72082900
083000+D	ECHILD_C C	const(3517)			000000		72083000
083100+D	EBADH_C C	const(3520)			000000		72083100
083200+D	ETOOMANYREFS_C C	const(3523)			000000		72083200
083300+D	ENOTSAFE_C C	const(3524)			000000		72083300
083400+D	EOVERFLOW_C C	const(3525)			000000		72083400
083500+D	EJRNDDAMAGE_C C	CONST(3526)			000000		72083500
083600+D	EJRNINACTIVE_C C	CONST(3527)			000000		72083600
083700+D	EJRNRCVSPC_C C	CONST(3528)			000000		72083700
083800+D	EJRNRMTC_C C	CONST(3529)			000000		72083800
083900+D	ENEWJRNRCV_C C	CONST(3530)			000000		72083900
084000+D	ENEWJRN_C C	CONST(3531)			000000		72084000
084100+D	EJOURNALED_C C	CONST(3532)			000000		72084100
084200+D	EJRNENTTOOLONG_C...				000000		72084200
084300+D		CONST(3533)			000000		72084300
084400+D	EDATALINK_C C	CONST(3534)			000000		72084400
084500+D	ENOTAVAIL_C C	CONST(3535)			000000		72084500
084600+D	ENOTTY_C C	CONST(3536)			000000		72084600
084700+D	EFBIG2_C C	CONST(3540)			000000		72084700
084800+D	ETXTBSY_C C	CONST(3543)			000000		72084800
084900+D	EASPGRPNOTSET_C...				000000		72084900
085000+D		CONST(3544)			000000		72085000
085100+D	ERESTART_C C	CONST(3545)			000000		72085100
085200+D	ESCANFAILURE_C C	CONST(3546)			000000		72085200
085300+ *					000000		72085300

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
085400+	* Unix return codes				000000		72085400
085500+D	RC_OK C	const(0)			000000		72085500
085600+D	RC_ERROR C	const(-1)			000000		72085600
085700+	*				000000		72085700
085800+	* Convert External Form to Numeric Value (CVTEFN)				000000		72085800
085900+D	cvtefnd...				000000		72085900
086000+D	PR 8F	extproc('cvtefnd')			000000		72086000
086100+D	i_source *	value			000000		72086100
086200+D	i_len 10U 0	value			000000		72086200
086300+D	i_mask *	value			000000		72086300
086400+	*				000000		72086400
086500+	* Test Bit in String (TSTBTS)				000000		72086500
086600+D	tstbts...				000000		72086600
086700+D	PR 10I 0	extproc('tstbts')			000000		72086700
086800+D	bit_string *	value			000000		72086800
086900+D	bit_offset 10I 0	value			000000		72086900
087000+	*				000000		72087000
087100+	* getenv()--Get Value of Environment Variable				000000		72087100
087200+D	getenv...				000000		72087200
087300+D	PR *	extproc('getenv')			000000		72087300
087400+D	name *	value options(*string)			000000		72087400
087500+	*				000000		72087500
087600+	* putenv()--Change or Add Environment Variable				000000		72087600
087700+D	putenv...				000000		72087700
087800+D	PR 10I 0	extproc('putenv')			000000		72087800
087900+D	string *	value options(*string)			000000		72087900
088000+	*				000000		72088000
088100+	* Qp0zDltEnv()--Delete an Environment Variable				000000		72088100
088200+D	Qp0zDltEnv...				000000		72088200
088300+D	PR 10I 0	extproc('Qp0zDltEnv')			000000		72088300
088400+D	name *	value options(*string)			000000		72088400
088500+	*				000000		72088500
088600+	* Qp0zInitEnv()--Initialize Environment for Variables				000000		72088600
088700+D	Qp0zInitEnv...				000000		72088700
088800+D	PR 10I 0	extproc('Qp0zInitEnv')			000000		72088800
088900+	*				000000		72088900
089000+D	ENVIRON S	import('environ')			000000		72089000
089100+	*				000000		72089100
089200+	* Generate Universal Unique Identifier (GENUUID)				000000		72089200
089300+D	genUUID...				000000		72089300
089400+D	PR	extproc('_GENUUID')			000000		72089400
089500+D	uuid_template *	value			000000		72089500
089600+	*				000000		72089600
089700+D	uuid_template_t...				000000		72089700
089800+D	DS	qualified based(pDummy)			000000		72089800
089900+D	bytPrv 10U 0				000000		72089900
090000+D	bytAvl 10U 0				000000		72090000
090100+D	reserved 8A				000000		72090100
090200+D	uuid 16A				000000		72090200
090300+	*				000000		72090300
090400+	* Convert Hex to Character (CVTHC)				000000		72090400
090500+D	cvthc...				000000		72090500
090600+D	PR	extproc('cvthc')			000000		72090600
090700+D	pResult *	value			000000		72090700
090800+D	pSource *	value			000000		72090800
090900+D	sourceSize 10I 0	value			000000		72090900



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Number	1...10	Num	Line	Date	Id	Number	
091000+ *		RADDAT		000000		72091000	
091100+ * Convert Eight Bit Character to Hex Nibbles (CVTCH)		RADDAT		000000		72091100	
091200+D cvtch...		RADDAT		000000		72091200	
091300+D PR	extproc('cvtch')	RADDAT		000000		72091300	
091400+D pResult *	value	RADDAT		000000		72091400	
091500+D pSource *	value	RADDAT		000000		72091500	
091600+D sourceLen 10I 0	value	RADDAT		000000		72091600	
091700+ *		RADDAT		000000		72091700	
091800+ * Cipher (CIPHER)		RADDAT		000000		72091800	
091900+D cipher...		RADDAT		000000		72091900	
092000+D PR	extproc('_CIPHER')	RADDAT		000000		72092000	
092100+D *	const	RADDAT		000000		72092100	
092200+D *	value	RADDAT		000000		72092200	
092300+D *	const	RADDAT		000000		72092300	
092400+ *		RADDAT		000000		72092400	
092500+D cipherCtrls_t DS	qualified based(pDummy) align	RADDAT		000000		72092500	
092600+D function 1 2A		RADDAT		000000		72092600	
092700+D hashAlg 3 3A		RADDAT		000000		72092700	
092800+D sequence 4 4A		RADDAT		000000		72092800	
092900+D dataLength 5 8U 0		RADDAT		000000		72092900	
093000+D output 9 9A		RADDAT		000000		72093000	
093100+D reserved_1 10 16A		RADDAT		000000		72093100	
093200+D hashContext 17 32*		RADDAT		000000		72093200	
093300+D HMACKey 33 48*		RADDAT		000000		72093300	
093400+D HMACKeyLength 49 52U 0		RADDAT		000000		72093400	
093500+D reserved_2 53 96A		RADDAT		000000		72093500	
093600+ *		RADDAT		000000		72093600	
093700+D cCIPHER_MD5...		RADDAT		000000		72093700	
093800+D C	const(x'00')	RADDAT		000000		72093800	
093900+D cCIPHER_SHA1...		RADDAT		000000		72093900	
094000+D C	const(x'01')	RADDAT		000000		72094000	
094100+ *		RADDAT		000000		72094100	
094200+D cCIPHER_ONLY...		RADDAT		000000		72094200	
094300+D C	const(x'00')	RADDAT		000000		72094300	
094400+D cCIPHER_FIRST...		RADDAT		000000		72094400	
094500+D C	const(x'01')	RADDAT		000000		72094500	
094600+D cCIPHER_MIDDLE...		RADDAT		000000		72094600	
094700+D C	const(x'02')	RADDAT		000000		72094700	
094800+D cCIPHER_FINAL...		RADDAT		000000		72094800	
094900+D C	const(x'03')	RADDAT		000000		72094900	
095000+ *		RADDAT		000000		72095000	
095100+D cCIPHER_HASH...		RADDAT		000000		72095100	
095200+D C	const(x'00')	RADDAT		000000		72095200	
095300+D cCIPHER_HMAC...		RADDAT		000000		72095300	
095400+D C	const(x'01')	RADDAT		000000		72095400	
095500+ *		RADDAT		000000		72095500	
095600+ /ENDIF		RADDAT	DEF	000000		72095600	
000500+ *		RADDAT		000000		71000500	
000600+D memWtr_handle_t...		RADDAT		000000		71000600	
000700+D S 10I 0	based(pDummy)	RADDAT		000000		71000700	
000800+D memRdr_handle_t...		RADDAT		000000		71000800	
000900+D S 10I 0	based(pDummy)	RADDAT		000000		71000900	
001000+ *		RADDAT		000000		71001000	
001100+ * Creates a memory buffer writer.		RADDAT		000000		71001100	
001200+D MemoryWriter_new...		RADDAT		000000		71001200	
001300+D PR	like(memWtr_handle_t)	RADDAT		000000		71001300	

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001400+D	extproc('BASICS1RH+				000000		71001400
001500+D	_MemoryWriter_new+				000000		71001500
001600+D	)				000000		71001600
001700+D	i_pBuffer * value				000000		71001700
001800+D	i_maxSize value like(size_t )				000000		71001800
001900+ *					000000		71001900
002000+ *	Write to a given memory buffer descriptor.				000000		71002000
002100+D	MemoryWriter_write...				000000		71002100
002200+D	PR like(ssize_t ) = ssize_t				000000		71002200
002300+D	extproc('BASICS1RH+				000000		71002300
002400+D	_MemoryWriter_write+				000000		71002400
002500+D	)				000000		71002500
002600+D	i_fd value like(memWtr_handle_t) = int				000000		71002600
002700+D	i_pBuffer * value = *buf				000000		71002700
002800+D	i_buflen value like(size_t ) = size_t				000000		71002800
002900+ *					000000		71002900
003000+ *	Deletes a given memory buffer writer.				000000		71003000
003100+D	MemoryWriter_delete...				000000		71003100
003200+D	PR				000000		71003200
003300+D	extproc('BASICS1RH+				000000		71003300
003400+D	_MemoryWriter_delete+				000000		71003400
003500+D	)				000000		71003500
003600+D	io_fd like(memWtr_handle_t)				000000		71003600
003700+ *					000000		71003700
003800+ *	Returns the 'write' procedure of a MemoryWriter.				000000		71003800
003900+D	MemoryWriter_writeProc...				000000		71003900
004000+D	PR * procptr				000000		71004000
004100+D	extproc('BASICS1RH+				000000		71004100
004200+D	_MemoryWriter_writeProc+				000000		71004200
004300+D	)				000000		71004300
004400+ *					000000		71004400
004500+ *	Creates a memory buffer reader.				000000		71004500
004600+D	MemoryReader_new...				000000		71004600
004700+D	PR like(memRdr_handle_t)				000000		71004700
004800+D	extproc('BASICS1RH+				000000		71004800
004900+D	_MemoryReader_new+				000000		71004900
005000+D	)				000000		71005000
005100+D	i_pBuffer * value				000000		71005100
005200+D	i_size value like(size_t )				000000		71005200
005300+ *					000000		71005300
005400+ *	Reads from a given memory buffer descriptor.				000000		71005400
005500+D	MemoryReader_read...				000000		71005500
005600+D	PR like(ssize_t ) = ssize_t				000000		71005600
005700+D	extproc('BASICS1RH+				000000		71005700
005800+D	_MemoryReader_read+				000000		71005800
005900+D	)				000000		71005900
006000+D	i_fd value like(memRdr_handle_t) = int				000000		71006000
006100+D	i_pBuffer * value = *buf				000000		71006100
006200+D	i_nByte value like(size_t ) = size_t				000000		71006200
006300+ *					000000		71006300
006400+ *	Deletes a given memory buffer Reader.				000000		71006400
006500+D	MemoryReader_delete...				000000		71006500
006600+D	PR				000000		71006600
006700+D	extproc('BASICS1RH+				000000		71006700
006800+D	_MemoryReader_delete+				000000		71006800
006900+D	)				000000		71006900

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Number	1...10		Num	Line	Date	Id	Number
007000+D	io_fd	like(memRdr_handle_t)			000000		71007000
007100+ *					000000		71007100
007200+ *	Returns the 'read' procedure of a MemoryReader.				000000		71007200
007300+D	MemoryReader_readProc...				000000		71007300
007400+D	PR	* procptr			000000		71007400
007500+D		extproc('BASICS1RH+			000000		71007500
007600+D		_MemoryReader_readProc+			000000		71007600
007700+D		')			000000		71007700
007800+ *					000000		71007800
007900+ *	-----				000000		71007900
008000+ *	Imported prototypes				000000		71008000
008100+ *	-----				000000		71008100
008200+ *					000000		71008200
008300+ /ENDIF					000000		71008300
004100+ *					000000		17004100
004200+ /ENDIF					000000		17004200
000900+ /COPY QWSDL2RPG,TYPES_H	Type definitions (public)		CPY		591118		16000900
	-----						
	* RPG member name . . . . . : TYPES_H						73
	* External name . . . . . : WSDL2RPG/QWSDL2RPG(TYPES_H)						73
	* Last change . . . . . : 09/18/13 08:21:14						73
	* Text 'description' . . . . : Type definitions (public)						73
	-----						
000100+ /IF NOT DEFINED(WSDL2RPG_WS_STUB_COMMON_TYPES)					591118		73000100
	LINES EXCLUDED: 244						
024600+ /ENDIF					571106		73024600
001000+ *					600607		16001000
001100+ *	Classes				600607		16001100
001200+D	CLASS_TYPE...				610925		16001200
001300+D	C	'*CLASS:wsdl2rpg.TYPE'			610925		16001300
001400+D	CLASS_MESSAGE...				600607		16001400
001500+D	C	'*CLASS:wsdl2rpg.MESSAGE'			600608		16001500
001600+D	CLASS_PART...				600607		16001600
001700+D	C	'*CLASS:wsdl2rpg.PART'			600608		16001700
001800+D	CLASS_BOUND_OPERATION_IO...				600608		16001800
001900+D	C	'*CLASS:wsdl2rpg.BOUND_OPERATION_IO'			600608		16001900
002000+D	CLASS_TRANSCODER...				611011		16002000
002100+D	C	'*CLASS:wsdl2rpg.TRANSCODER'			611011		16002100
002200+ *					621012		16002200
002300+ *	Boolean NULL value:				621012		16002300
002400+D	cBOOLEAN_NULL C	'*'			621012		16002400
002500+ *					611001		16002500
002600+ *	Output types:				611001		16002600
002700+D	cGENERATE_STUB...				611001		16002700
002800+D	C	'*STUB'			611001		16002800
002900+D	cGENERATE_PGM...				611001		16002900
003000+D	C	'*PGM'			611001		16003000
003100+D	cGENERATE_SRVICE_MODULE...				611001		16003100
003200+D	C	'*SRVMOD'			611001		16003200
003300+ *					571206		16003300
003400+ *	The logger for wsdl2rpg:				571206		16003400
003500+D	cLOGGER C	'WSDL2RPG.client'			600404		16003500
003600+D	cLOGGER_CONTROLLER...				600404		16003600
003700+D	C	'.controller'			600404	WSDL2R01	16003700
003800+D	cLOGGER_REQ_INP_PARAM...				600226		16003800
003900+D	C	'.requestInputParameters'			600525	WSDL2R01	16003900

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004000+D	cLOGGER_NAMESPACES...				571219		16004000
004100+D	C	'namespaces'			580905		16004100
004200+D	cLOGGER_RPG_ADAPTER...				571219		16004200
004300+D	C	'rpgAdapter'			580905		16004300
004400+D	cLOGGER_WSDL_PARSER...				600404		16004400
004500+D	C	'wsdlParser'			600404		16004500
004600+D	cLOGGER_TYPES...				580905		16004600
004700+D	C	'types'			580905		16004700
004800+D	cLOGGER_HELPER_TYPES...				600917		16004800
004900+D	C	'types.helperTypes'			600917		16004900
005000+D	cLOGGER_OPERATION...				580114		16005000
005100+D	C	'operation'			580905		16005100
005200+D	cLOGGER_OPERATION_VISUALIZED_TYPES...				601212		16005200
005300+D	C	'operation.visualizedTypes'			601212		16005300
005400+D	cLOGGER_XML_ARRAY...				571214		16005400
005500+D	C	'types.array.xml'			580905		16005500
005600+D	cLOGGER_RPG_ARRAY...				580905		16005600
005700+D	C	'types.array.rpg'			580905		16005700
005800+D	cLOGGER_ARRAY...				600503		16005800
005900+D	C	'dynamicArray'			600525		16005900
006000+D	cLOGGER_COMPILER_CONDITIONS...				600503		16006000
006100+D	C	'compilerConditions'			600503		16006100
006200+D	cLOGGER_MEMORY_MANAGER...				600503		16006200
006300+D	C	'memoryManager'			600503		16006300
006400+D	cLOGGER_MIME_HEADERS...				580905		16006400
006500+D	C	'mimeHeaders'			580905		16006500
006600+D	cLOGGER_STREAM...				580905		16006600
006700+D	C	'stream'			580905		16006700
006800+D	cLOGGER_MANAGED_MEMORY_DATA_SOURCE...				580905		16006800
006900+D	C	'managedMemoryDataSource'			580905		16006900
007000+D	cLOGGER_MANAGED_MEMORY_DATA_SOURCE_ICONV...				580905		16007000
007100+D	C	'managedMemoryDataSource.iconv'			580905		16007100
007200+D	cLOGGER_ATTACHMENT_PART...				580905		16007200
007300+D	C	'attachmentPart'			580905		16007300
007400+D	cLOGGER_SOAP_MESSAGE...				580905		16007400
007500+D	C	'soapMessage'			580905		16007500
007600+D	cLOGGER_SOAP_MESSAGE_DATA...				580905		16007600
007700+D	C	'soapMessage.data'			580905		16007700
007800+D	cLOGGER_APPLICATION_MESSAGE...				571219		16007800
007900+D	C	'appMsg'			580905		16007900
008000+D	cLOGGER_QUALIFIED_NAME...				571219		16008000
008100+D	C	'qName'			580905		16008100
008200+D	cLOGGER_TEMPFILE...				580515		16008200
008300+D	C	'TempFile'			580905		16008300
008400+D	cLOGGER_COMMON...				571219		16008400
008500+D	C	'common'			580905		16008500
008600+D	cLOGGER_MULTIREF...				600220		16008600
008700+D	C	'multiref'			600220		16008700
008800+ *					571219		16008800
008900+D	cLOGGER_EXPAT_ADAPTER...				571219		16008900
009000+D	C	'WSDL2RPG.expatAdapter'			580905		16009000
009100+ *					600711		16009100
009200+ *	Maximum number of web service operations per source member.				600711		16009200
009300+D	cMAX_OPERATIONS_PER_SOURCE_MEMBER...				600711		16009300
009400+D	C	99			610927		16009400
009500+D	cMAX_LENGTH_OF_OUTPUT_MEMBER_NAME...				611001		16009500

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009600+D	C	8			611001		16009600
009700+ *					610728		16009700
009800+ *	Special value: Do not generate output member (stub or pgm).				610728		16009800
009900+D	cSRCMBR_NONE...				610728		16009900
010000+D	C	'*NONE'			610728		16010000
010100+ *					610728		16010100
010200+ *	Special value: Create a stream file with the structure of				610728		16010200
010300+ *	the input/output fields of the web service.				610728		16010300
010400+D	cPARMSTRUCT_STMF...				610728		16010400
010500+D	C	'*STMF'			610728		16010500
010600+D	cPARMSTRUCT_DISPLAY...				610728		16010600
010700+D	C	'*'			610728		16010700
010800+ *					130712		16010800
010900+ *	Large string field				130712		16010900
011000+ /if defined(*V6R1M0)					130712		16011000
	LINES EXCLUDED: 5						
011600+ /else					130712		16011600
011700+D	wsdl_largeString_t...				130712		16011700
011800+D	S	65535A		based(pDummy)	130712		16011800
011900+D	wsdl_extraLargeString_t...				130712		16011900
012000+D	S	65535A		based(pDummy)	130712		16012000
012100+ /endif					130712		16012100
012200+ *					571204		16012200
012300+ *	WSDL command parameter				571204		16012300
012400+ *	... holds the proxy server and port				571204		16012400
012500+D	wsdl_cmdServer_t...				571204		16012500
012600+D	DS	qualified		based(pDummy)	571204		16012600
012700+D	numE	5I 0			571204		16012700
012800+D	proxyServer			liked(wsdl_qServer_t )	571204		16012800
012900+ *					571204		16012900
013000+ *	... holds the selected web service port and operations				571204		16013000
013100+D	wsdl_webService_t...				571204		16013100
013200+D	DS	qualified		based(pDummy)	571204		16013200
013300+D	numParms	5I 0			571204		16013300
013400+D	port	256A		varying	571204		16013400
013500+D	ofsOperNmes	5I 0			571204		16013500
013600+D	numOperations	5I 0			571204		16013600
013700+D	operations			liked(wsdl_operationsX_t)	571204		16013700
013800+ *					571219		16013800
013900+ *	... holds the output source member options				571219		16013900
014000+D	wsdl_srcMbrOpts_t...				571219		16014000
014100+D	DS	qualified		based(pDummy)	571219		16014100
014200+D	numParms	5I 0			571219		16014200
014300+D	name	10A			571219		16014300
014400+D	doReplace	N			571219		16014400
014500+ *					610103		16014500
014600+ *	... holds the options of the STRUCTSTMF parameter				610103		16014600
014700+D	wsdl_structStmfOpts_t...				610103		16014700
014800+D	DS	qualified		based(pDummy)	610103		16014800
014900+D	numParms	5I 0			610103		16014900
015000+D	path	5000A		varying	610103		16015000
015100+D	doReplace	N			610103		16015100
015200+ *					571204		16015200
015300+ *	... holds the selected operations of the WSDL command				571204		16015300
015400+D	wsdl_operationsX_t...				571204		16015400
015500+D	DS	qualified		based(pDummy)	571204		16015500

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015600+D	name	256A	dim(cMAX_OPERATIONS) varying			571204	16015600
015700+ *						571204	16015700
015800+D	cMAX_OPERATIONS...					571204	16015800
015900+D	C	128				571204	16015900
016000+ *						610714	16016000
016100+ *	... holds a field definition describing a varying field					610714	16016100
016200+D	wsdl_fieldv6_t...					610714	16016200
016300+D	DS	qualified	based(pDummy)			610714	16016300
016400+D	pField	*				610714	16016400
016500+D	pData	*				610714	16016500
016600+D	size	10I 0				610714	16016600
016700+ *						610927	16016700
016800+ *	Number of operations counter					610927	16016800
016900+D	wsdl_numOper_t S	2S 0	based(pDummy)			610927	16016900
017000+ *						611001	16017000
017100+ *	Holds a name such as 'xsd:String' or a RPG procedure name.					611001	16017100
017200+D	wsdl_name_t S	4094A	varying	based(pDummy)		611001	16017200
017300+ *						571123	16017300
017400+ *	Holds a (attribute) value.					571229	16017400
017500+D	wsdl_value_t S	4094A	varying	based(pDummy)		571229	16017500
017600+ *						571229	16017600
017700+ *	Holds a key of a type. (length must be lName + ns!)					580529	16017700
017800+D	wsdl_mapKey_t S	1022A	varying			580529	16017800
017900+D			based(pDummy)			571123	16017900
018000+ *	Holds a simple URL such as 'http://server:8080/WebService/Service.wsdl'					571207	16018000
018100+D	wsdl_url_t S	254A	varying	based(pDummy)		571130	16018100
018200+ *						571126	16018200
018300+ *	Holds a namespace prefix such as 'xsd'.					571126	16018300
018400+D	wsdl_nsPrefix_t...					571126	16018400
018500+D	S	30A	varying	based(pDummy)		571126	16018500
018600+ *						571108	16018600
018700+ *	Holds an error code.					571108	16018700
018800+D	wsdl_error_t...					571108	16018800
018900+D	S	10I 0	based(pDummy)			571108	16018900
019000+ *						571126	16019000
019100+ *	Holds a namespace name such as: http://schemas.xmlsoap.org/wsdl/					571126	16019100
019200+D	wsdl_lName_t...					571126	16019200
019300+D	S	510A	varying	based(pDummy)		571206	16019300
019400+ *						571126	16019400
019500+ *	Holds a namespace qualifier					571126	16019500
019600+D	wsdl_nsValue_t...					580531	16019600
019700+D	S	510A	varying	based(pDummy)		571206	16019700
019800+ *						571205	16019800
019900+ *	Holds the dimension of a type.					571205	16019900
020000+D	wsdl_dimXml_t...					571206	16020000
020100+D	S	30A	varying	based(pDummy)		571206	16020100
020200+D	wsdl_dim_t...					571206	16020200
020300+D	S	10I 0	based(pDummy)			571206	16020300
020400+ *						610416	16020400
020500+ *	Holds the dimension of a type.					610416	16020500
020600+D	wsdl_tgtrls_t...					610416	16020600
020700+D	S	6A	based(pDummy)			610416	16020700
020800+ *						571206	16020800
020900+D	cDIM_LENGTH C	%len(wsdl_dim_t)				571206	16020900
021000+D	cDIM_DIGITS C	%decpos(wsdl_dim_t)				571206	16021000
021100+D	cDIM_XML_UNBOUNDED...					571206	16021100

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021200+D	C	'unbounded'			571206		16021200
021300+ *					571125		16021300
021400+D cDECIMAL_TYPE...					571125		16021400
021500+D	C	'S'			571125		16021500
021600+D cDECIMAL_LEN...					571125		16021600
021700+D	C	%len(wsddecimal_t )			571125		16021700
021800+D cDECIMAL_DECPOS...					571125		16021800
021900+D	C	%decpos(wsddecimal_t)			571125		16021900
022000+ *					571221		16022000
022100+D cDOUBLE_TYPE...					571221		16022100
022200+D	C	'S'			571221		16022200
022300+D cDOUBLE_LEN...					571221		16022300
022400+D	C	%len(wsddouble_t )			571221		16022400
022500+D cDOUBLE_DECPOS...					571221		16022500
022600+D	C	%decpos(wsddouble_t)			571221		16022600
022700+ *					580319		16022700
022800+ * Attributes of a float value.		(see also: UnMarshaller)			591118		16022800
022900+D cFLOAT_TYPE...					580319		16022900
023000+D	C	'S'			580319		16023000
023100+D cFLOAT_LEN...					580319		16023100
023200+D	C	%len(wsdfloat_t )			580319		16023200
023300+D cFLOAT_DECPOS...					580319		16023300
023400+D	C	%decpos(wsdfloat_t )			580319		16023400
023500+ *					571125		16023500
023600+ * Attributes of a short integer value.		(see also: UnMarshaller)			591118		16023600
023700+D cSHORT_TYPE...					580121		16023700
023800+D	C	'I'			580121		16023800
023900+D cSHORT_LEN...					580121		16023900
024000+D	C	%len(wsdshort_t )			580121		16024000
024100+D cSHORT_DECPOS...					580121		16024100
024200+D	C	%decpos(wsdshort_t)			580121		16024200
024300+ *					580905		16024300
024400+ * Attributes of a byte integer value.		(see also: UnMarshaller)			600831		16024400
024500+D cBYTE_TYPE...					600831		16024500
024600+D	C	'I'			600831		16024600
024700+D cBYTE_LEN...					600831		16024700
024800+D	C	%len(wsdbyte_t )			600831		16024800
024900+D cBYTE_DECPOS...					600831		16024900
025000+D	C	%decpos(wsdbyte_t )			600831		16025000
025100+ *					600831		16025100
025200+ * Attributes of an integer value.		(see also: UnMarshaller)			591118		16025200
025300+D cINT_TYPE...					590804		16025300
025400+D	C	'I'			580905		16025400
025500+D cINT_LEN...					590804		16025500
025600+D	C	%len(wsdint_t )			590804		16025600
025700+D cINT_DECPOS...					590804		16025700
025800+D	C	%decpos(wsdint_t )			590804		16025800
025900+ *					590804		16025900
026000+ * Attributes of an integer.		(see also: UnMarshaller)			591118		16026000
026100+D cINTEGER_TYPE...					590804		16026100
026200+D	C	'I'			590804		16026200
026300+D cINTEGER_LEN...					590804		16026300
026400+D	C	%len(wsdinteger_t)			590804		16026400
026500+D cINTEGER_DECPOS...					590804		16026500
026600+D	C	%decpos(wsdinteger_t)			590804		16026600
026700+ *					580905		16026700

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
026800+	* Attributes of a long integer value.	(see also: UnMarshaller)			591118		16026800
026900+D	cLONG_TYPE...				580905		16026900
027000+D	C	'I'			580905		16027000
027100+D	cLONG_LEN...				580905		16027100
027200+D	C	%len(wsdl_long_t )			580905		16027200
027300+D	cLONG_DECPOS...				580905		16027300
027400+D	C	%decpos(wsdl_long_t )			580905		16027400
027500+	* Attributes of an unsigned short integer value. (see also: UnMarshaller)				580905		16027500
027600+	* Attributes of an unsigned short integer value. (see also: UnMarshaller)				591118		16027600
027700+D	cUSHORT_TYPE...				580905		16027700
027800+D	C	'U'			580905		16027800
027900+D	cUSHORT_LEN...				580905		16027900
028000+D	C	%len(wsdl_uShort_t )			580905		16028000
028100+D	cUSHORT_DECPOS...				580905		16028100
028200+D	C	%decpos(wsdl_uShort_t )			580905		16028200
028300+	* Attributes of an unsigned byte integer value. (see also: UnMarshaller)				600831		16028300
028400+	* Attributes of an unsigned byte integer value. (see also: UnMarshaller)				600831		16028400
028500+D	cUBYTE_TYPE...				600831		16028500
028600+D	C	'U'			600831		16028600
028700+D	cUBYTE_LEN...				600831		16028700
028800+D	C	%len(wsdl_uByte_t )			600831		16028800
028900+D	cUBYTE_DECPOS...				600831		16028900
029000+D	C	%decpos(wsdl_uByte_t )			600831		16029000
029100+	* Attributes of an unsigned integer value. (see also: UnMarshaller)				580905		16029100
029200+	* Attributes of an unsigned integer value. (see also: UnMarshaller)				591118		16029200
029300+D	cUINT_TYPE...				590804		16029300
029400+D	C	'U'			580905		16029400
029500+D	cUINT_LEN...				590804		16029500
029600+D	C	%len(wsdl_uInt_t )			590804		16029600
029700+D	cUINT_DECPOS...				590804		16029700
029800+D	C	%decpos(wsdl_uInt_t )			590804		16029800
029900+	* Attributes of a long integer value. (see also: UnMarshaller)				580905		16029900
030000+	* Attributes of a long integer value. (see also: UnMarshaller)				591118		16030000
030100+D	cULONG_TYPE...				580905		16030100
030200+D	C	'U'			580905		16030200
030300+D	cULONG_LEN...				580905		16030300
030400+D	C	%len(wsdl_uLong_t )			580905		16030400
030500+D	cULONG_DECPOS...				580905		16030500
030600+D	C	%decpos(wsdl_uLong_t )			580905		16030600
030700+	* Attributes of a non negative integer value. (see also: UnMarshaller)				580905		16030700
030800+	* Attributes of a non negative integer value. (see also: UnMarshaller)				591118		16030800
030900+D	cNON_NEG_INT_TYPE...				580905		16030900
031000+D	C	'I'			580905		16031000
031100+D	cNON_NEG_INT_LEN...				580905		16031100
031200+D	C	%len(wsdl_nonNegInt_t )			580905		16031200
031300+D	cNON_NEG_INT_DECPOS...				580905		16031300
031400+D	C	%decpos(wsdl_nonNegInt_t )			580905		16031400
031500+	* Attributes of a non positive integer value. (see also: UnMarshaller)				580905		16031500
031600+	* Attributes of a non positive integer value. (see also: UnMarshaller)				591118		16031600
031700+D	cNON_POS_INT_TYPE...				580905		16031700
031800+D	C	'I'			580905		16031800
031900+D	cNON_POS_INT_LEN...				580905		16031900
032000+D	C	%len(wsdl_nonPosInt_t )			580905		16032000
032100+D	cNON_POS_INT_DECPOS...				580905		16032100
032200+D	C	%decpos(wsdl_nonPosInt_t )			580905		16032200
032300+	* Attributes of a non positive integer value. (see also: UnMarshaller)				580905		16032300



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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
032400+	* Attributes of a negative integer value.	(see also: UnMarshaller)		591118		16032400	
032500+D	CNEG_INT_TYPE...			580905		16032500	
032600+D	C	'I'		580905		16032600	
032700+D	CNEG_INT_LEN...			580905		16032700	
032800+D	C	%len(wsdl_negInt_t )		580905		16032800	
032900+D	CNEG_INT_DECPOS...			580905		16032900	
033000+D	C	%decpos(wsdl_negInt_t )		580905		16033000	
033100+	* Attributes of a positive integer value.	(see also: UnMarshaller)		591118		16033200	
033300+D	CPOS_INT_TYPE...			580905		16033300	
033400+D	C	'I'		580905		16033400	
033500+D	CPOS_INT_LEN...			580905		16033500	
033600+D	C	%len(wsdl_posInt_t )		580905		16033600	
033700+D	CPOS_INT_DECPOS...			580905		16033700	
033800+D	C	%decpos(wsdl_posInt_t )		580905		16033800	
033900+	* Attributes of a gDay value.	(see also: UnMarshaller)		600605		16033900	
034000+D	CGDAY_TYPE...			600605		16034000	
034100+D	C	'I'		600606		16034100	
034200+D	CGDAY_LEN...			600605		16034200	
034300+D	C	%len(wsdl_gDay_t )		600605		16034300	
034400+D	CGDAY_DECPOS...			600605		16034400	
034500+D	C	%decpos(wsdl_gDay_t )		600606		16034500	
034600+D	* Attributes of a gMonth value.	(see also: UnMarshaller)		600605		16034600	
034700+	CGMONTH_TYPE...			600605		16034700	
034800+D	C	'I'		600605		16034800	
034900+D	CGMONTH_LEN...			600606		16034900	
035000+D	C	%len(wsdl_gMonth_t )		600606		16035000	
035100+D	CGMONTH_DECPOS...			600605		16035100	
035200+D	C	%decpos(wsdl_gMonth_t )		600606		16035200	
035300+D	* Attributes of a gMonthDay value.	(see also: UnMarshaller)		600605		16035300	
035400+D	CGMONTH_DAY_TYPE...			600605		16035400	
035500+D	C	'I'		600605		16035500	
035600+D	CGMONTH_DAY_LEN...			600605		16035600	
035700+D	C	%len(wsdl_gMonthDay_t )		600606		16035700	
035800+D	CGMONTH_DAY_DECPOS...			600605		16035800	
035900+D	C	%decpos(wsdl_gMonthDay_t )		600606		16035900	
036000+D	* Attributes of a gYear value.	(see also: UnMarshaller)		600605		16036000	
036100+D	CGYEAR_TYPE...			600605		16036100	
036200+D	C	'I'		600606		16036200	
036300+D	CGYEAR_LEN...			600605		16036300	
036400+D	C	%len(wsdl_gYear_t )		600605		16036400	
036500+D	CGYEAR_DECPOS...			600606		16036500	
036600+D	C	%decpos(wsdl_gYear_t )		600605		16036600	
036700+D	* Attributes of a gYearMonth value	(see also: UnMarshaller)		600605		16036700	
036800+D	CGYEAR_MONTH_TYPE...			600605		16036800	
036900+D	C	'I'		600606		16036900	
037000+D	CGYEAR_MONTH_LEN...			600605		16037000	
037100+D	C	%len(wsdl_gYearMonth_t )		600605		16037100	
037200+D	CGYEAR_MONTH_DECPOS...			600606		16037200	
037300+D	C	%decpos(wsdl_gYearMonth_t )		600606		16037300	
037400+D	* Attributes of a gYearMonth value	(see also: UnMarshaller)		600605		16037400	
037500+D	CGYEAR_MONTH_TYPE...			600606		16037500	
037600+D	C	'I'		600605		16037600	
037700+D	CGYEAR_MONTH_LEN...			600606		16037700	
037800+D	C	%len(wsdl_gYearMonth_t )		600605		16037800	
037900+D	CGYEAR_MONTH_DECPOS...			571126		16037900	
037900+	* Attributes of a gYearMonth value	(see also: UnMarshaller)					

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
038000+	* Holds the parameter order of a Web Service operation				571207		16038000
038100+D	wsdl_parameterOrder_t...				571207		16038100
038200+D	S like(wsdl_name_t )	based(pDummy)			571207		16038200
038300+	*				571207		16038300
038400+	* Holds the protocol specified for a web service port.				571207		16038400
038500+D	wsdl_protocol_t...				571207		16038500
038600+D	S 14A varying	based(pDummy)			571207		16038600
038700+	*				571207		16038700
038800+	* Holds the documentation of any element.				571208		16038800
038900+D	wsdl_documentation_t...				571208		16038900
039000+D	S 4094A varying	based(pDummy)			580116		16039000
039100+	*				571229		16039100
039200+	* Specifies what encoding to use.				571229		16039200
039300+D	wsdl_use_t...				571229		16039300
039400+D	S 14A varying	based(pDummy)			571229		16039400
039500+	*				571208		16039500
039600+	* Specifies the encoding style of a binding.				571229		16039600
039700+D	wsdl_style_t...				571229		16039700
039800+D	S 14A varying	based(pDummy)			571229		16039800
039900+	*				580319		16039900
040000+	* Specifies the type of a type definition (*ELEM/*TYPE)				580319		16040000
040100+D	wsdl_defType_t...				580319		16040100
040200+D	S 5A	based(pDummy)			580319		16040200
040300+	*				600607		16040300
040400+	* ID to identify a specific object type				600607		16040400
040500+D	wsdl_class_t...				600607		16040500
040600+D	DS qualified	based(pDummy)			600607		16040600
040700+D	name like(wsdl_className_t )				600607		16040700
040800+D	size 10I 0				600607		16040800
040900+D	reserved 12A				610925		16040900
041000+	*				600607		16041000
041100+D	wsdl_className_t...				600607		16041100
041200+D	S 62A varying	based(pDummy)			600608		16041200
041300+	*				611011		16041300
041400+	* Structure to hold a WSDL transcoder handle				611011		16041400
041500+D	wsdl_transcoder_t...				611011		16041500
041600+D	DS qualified	based(pDummy)			611011		16041600
041700+D	class likeds(wsdl_class_t )				611011		16041700
041800+D	fromCcsid 10U 0				611011		16041800
041900+D	toCcsid 10U 0				611011		16041900
042000+D	hIconv likeds(iconv_t )				611011		16042000
042100+	*				571229		16042100
042200+	* Holds the name and port of a server.				571126		16042200
042300+D	wsdl_qServer_t...				571126		16042300
042400+D	DS qualified	based(pDummy)			571126		16042400
042500+D	name 126A varying				571126		16042500
042600+D	port 10I 0				571126		16042600
042700+D	reserved_1 12A				571126		16042700
042800+	*				571205		16042800
042900+	* Structure to hold all services of a given WSDL file.				571205		16042900
043000+D	wsdl_services_t...				571205		16043000
043100+D	DS qualified	based(pDummy)			571205		16043100
043200+D	serviceList likeds(wsdl_map_t )				571205		16043200
043300+	*				571205		16043300
043400+	* Structure to hold a WSDL service definition				571205		16043400
043500+D	wsdl_service_t...				571205		16043500

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043600+D	DS	qualified based(pDummy)		571205		16043600	
043700+D	qName	likeds(wsd1_qName_t )		571205		16043700	
043800+D	portList	likeds(wsd1_map_t )		571205		16043800	
043900+ *				571205		16043900	
044000+ *	Structure to hold all types of a given WSDL file.			571205		16044000	
044100+D	wsdl_types_t...			571205		16044100	
044200+D	DS	qualified based(pDummy)		571205		16044200	
044300+D	typesList	likeds(wsd1_map_t )		571205		16044300	
044400+ *				571108		16044400	
044500+ *	Structure to hold a WSDL type definition			571108		16044500	
044600+D	wsdl_type_t...			571108		16044600	
044700+D	DS	qualified based(pDummy)		571108		16044700	
044800+D	class	likeds(wsd1_class_t )		610925		16044800	
044900+D	isUsed	N		600403		16044900	
045000+D	isSequence	N		581101		16045000	
045100+D	isQualified	1A		621012		16045100	
045200+D	isExtension	N		590826		16045200	
045300+D	isSoapEncoded	N		591015		16045300	
045400+D	helperTypeId	1A		601015		16045400	
045500+D	isChoice	N		600914		16045500	
045600+D	referencesType...			581101		16045600	
045700+D		N		581101		16045700	
045800+D	referencesQualified...			620827		16045800	
045900+D		N		620827		16045900	
046000+D	arrayType	10A varying		581101		16046000	
046100+D	arrayID	10I 0		581101		16046100	
046200+D	dim	like(wsd1_dim_t )		581101		16046200	
046300+D	length	10I 0		590507		16046300	
046400+D	fraction	10I 0		590507		16046400	
046500+D	sortSeq	10I 0		600901		16046500	
046600+D	numSeqHlpType	10I 0		600901		16046600	
046700+D	numChcHlpType	10I 0		600901		16046700	
046800+D	defType	like(wsd1_defType_t )		581101		16046800	
046900+D	reserved_1	10A		620827		16046900	
047000+D	qName	likeds(wsd1_qName_t )		571126		16047000	
047100+D	qType	likeds(wsd1_qName_t )		571126		16047100	
047200+D	qNameOriginal	likeds(wsd1_qName_t )		620901		16047200	
047300+D	subTypesList	likeds(wsd1_map_t )		571126		16047300	
047400+D	uuid	16A		620123		16047400	
047500+ *				571213		16047500	
047600+D	cARRAY_NONE...			571213		16047600	
047700+D	C	'_'		571213		16047700	
047800+D	cARRAY_XML...			571213		16047800	
047900+D	C	'XML'		571213		16047900	
048000+D	cARRAY_RPG...			571213		16048000	
048100+D	C	'RPG'		571213		16048100	
048200+D	cARRAY_VALUE...			571213		16048200	
048300+D	C	'ARY-VALUE'		571213		16048300	
048400+D	cARRAY_INDEX...			571213		16048400	
048500+D	C	'ARY-INDEX'		571213		16048500	
048600+D	cTYPE_REFERENCE...			580110		16048600	
048700+D	C	'*REFERENCE'		580110		16048700	
048800+ *				571205		16048800	
048900+ *	Structure to hold all messages of a given WSDL file.			571205		16048900	
049000+D	wsdl_messages_t...			571205		16049000	
049100+D	DS	qualified based(pDummy)		571205		16049100	

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049200+D	msgList	likeds(wsdL_map_t )			571205		16049200
049300+ *					571126		16049300
049400+ *	Structure to hold a WSDL message definition				571126		16049400
049500+D	wsdl_message_t...				571126		16049500
049600+D	DS	qualified based(pDummy)			571126		16049600
049700+D	class	likeds(wsdL_class_t )			600607		16049700
049800+D	qName	likeds(wsdL_qName_t )			571126		16049800
049900+D	partsList	likeds(wsdL_map_t )			571126		16049900
050000+ *					571205		16050000
050100+ *	Structure to hold a WSDL (message) part definition				571205		16050100
050200+D	wsdl_part_t...				600521		16050200
050300+D	DS	qualified based(pDummy)			600521		16050300
050400+D	class	likeds(wsdL_class_t )			600607		16050400
050500+D	qName	likeds(wsdL_qName_t )			600521		16050500
050600+D	qElement	likeds(wsdL_qName_t )			600521		16050600
050700+D	defType	like(wsdL_defType_t )			600521		16050700
050800+D	isSoapHeader	N			600607		16050800
050900+D	sortSeq	10I 0			610131		16050900
051000+D	reserved_1	11A			610131		16051000
051100+ *					571205		16051100
051200+ *	Structure to hold all port types of a given WSDL file.				571205		16051200
051300+D	wsdl_portTypes_t...				571205		16051300
051400+D	DS	qualified based(pDummy)			571205		16051400
051500+D	portTypeList	likeds(wsdL_map_t )			571205		16051500
051600+ *					571205		16051600
051700+ *	Structure to hold a WSDL port type definition				571205		16051700
051800+D	wsdl_portType_t...				571205		16051800
051900+D	DS	qualified based(pDummy)			571205		16051900
052000+D	qName	likeds(wsdL_qName_t )			571205		16052000
052100+D	operationList	likeds(wsdL_map_t )			571205		16052100
052200+ *					571208		16052200
052300+ *	Structure to hold a WSDL operation				571208		16052300
052400+D	wsdl_operation_t...				571208		16052400
052500+D	DS	qualified based(pDummy)			571208		16052500
052600+D	isUsed	N			571208		16052600
052700+D	reserved_1	15A			610927		16052700
052800+D	qName	likeds(wsdL_qName_t )			571208		16052800
052900+D	parameterOrder...				571208		16052900
053000+D		like(wsdL_parameterOrder_t)			571208		16053000
053100+D	documentation	like(wsdL_documentation_t)			571208		16053100
053200+D	input	likeds(wsdL_operationIO_t)			571208		16053200
053300+D	output	likeds(wsdL_operationIO_t)			571208		16053300
053400+ *					571208		16053400
053500+ *	Structure to hold the operation messages				571208		16053500
053600+D	wsdl_operationIO_t...				571208		16053600
053700+D	DS	qualified based(pDummy)			571208		16053700
053800+D	qName	likeds(wsdL_qName_t )			571208		16053800
053900+D	qMessage	likeds(wsdL_qName_t )			571208		16053900
054000+ *					571123		16054000
054100+ *	Structure of a Map				571205		16054100
054200+D	wsdl_map_t...				571126		16054200
054300+D	DS	qualified based(pDummy)			571123		16054300
054400+D	hMap	like(BasicMap_handle_t)			571126		16054400
054500+D	curKey	like(wsdL_mapKey_t )			571126		16054500
054600+D	areChoices	N			601010		16054600
054700+ *					571204		16054700

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054800+	* Structure to hold a WSDL port definition				571204		16054800
054900+D	wsdl_port_t...				571204		16054900
055000+D	DS	qualified			571204		16055000
055100+D	qName	likeds(wsdl_qName_t )			571204		16055100
055200+D	protocol	like(wsdl_protocol_t )			571207		16055200
055300+D	qBinding	likeds(wsdl_qName_t )			571204		16055300
055400+D	address	like(wsdl_url_t )			571208		16055400
055500+ *					571205		16055500
055600+ *	Structure to hold all bindings of a given WSDL file				571205		16055600
055700+D	wsdl_bindings_t...				571205		16055700
055800+D	DS	qualified			571205		16055800
055900+D	bindingsList	likeds(wsdl_map_t )			571205		16055900
056000+ *					571204		16056000
056100+ *	Structure to hold a WSDL binding definition				571204		16056100
056200+D	wsdl_binding_t...				571204		16056200
056300+D	DS	qualified			571204		16056300
056400+D	qName	likeds(wsdl_qName_t )			571204		16056400
056500+D	qType	likeds(wsdl_qName_t )			571204		16056500
056600+D	style	like(wsdl_style_t )			571229		16056600
056700+D	boundOperationList...				571204		16056700
056800+D		likeds(wsdl_map_t )			571204		16056800
056900+ *					571204		16056900
057000+ *	Structure to hold a WSDL operation bound to a binding				571205		16057000
057100+D	wsdl_boundOperation_t...				571204		16057100
057200+D	DS	qualified			571204		16057200
057300+D	qName	likeds(wsdl_qName_t )			571204		16057300
057400+D	soapAction	like(wsdl_soapAction_t )			571208		16057400
057500+D	style	like(wsdl_style_t )			630514		16057500
057600+D	input	likeds(wsdl_boundOperationIO_t )			571229		16057600
057700+D	output	likeds(wsdl_boundOperationIO_t )			571229		16057700
057800+ *					571229		16057800
057900+ *	Structure to hold the attributes of a bound operation message.				571229		16057900
058000+D	wsdl_boundOperationIO_t...				571229		16058000
058100+D	DS	qualified			571229		16058100
058200+D	class	likeds(wsdl_class_t )			600608		16058200
058300+D	qName	likeds(wsdl_qName_t )			600608		16058300
058400+D	hSoapHeaders	like(BasicList_handle_t )			600608		16058400
058500+D	body	likeds(wsdl_soapBody_t )			600608		16058500
058600+ *					600405		16058600
058700+D	wsdl_soapHeader_t...				600405		16058700
058800+D	DS	qualified			600405		16058800
058900+D	use	like(wsdl_use_t )			600608		16058900
059000+D	qPart	likeds(wsdl_qName_t )			600608		16059000
059100+D	qMessage	likeds(wsdl_qName_t )			600608		16059100
059200+ *					600405		16059200
059300+D	wsdl_soapBody_t...				600405		16059300
059400+D	DS	qualified			600405		16059400
059500+D	use	like(wsdl_use_t )			600405		16059500
059600+ *					571129		16059600
059700+ *	Structure to hold a RPG D-Spec description				571129		16059700
059800+D	wsdl_dSpec_t...				571129		16059800
059900+D	DS	qualified			571129		16059900
060000+D	name	4096A varying			571129		16060000
060100+D	declType	20A			571130		16060100
060200+D	primitive	likeds(wsdl_rpgType_t )			571129		16060200
060300+D	numKwds	10I 0			571129		16060300

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060400+D	keywords	4096A varying dim(cMAX_KWDS)			571204		16060400
060500+D	isComment	N			600407		16060500
060600+ *					571204		16060600
060700+D	cMAX_KWDS C	10			571204		16060700
060800+ *					571120		16060800
060900+ *	Structure to hold a RPG type definition				571120		16060900
061000+D	wsdl_rpgType_t DS	qualified			571120		16061000
061100+D	length	7S 0			571120		16061100
061200+D	dataType	2A			571128		16061200
061300+D	decPos	2S 0			571120		16061300
061400+D	keyword	32A varying			571129		16061400
061500+D	refField	4096A varying			571128		16061500
061600+D	hasV6Marshaller...				610718		16061600
061700+D		N			610718		16061700
061800+D	hasV6UnMarshaller...				610718		16061800
061900+D		N			610718		16061900
062000+D	requiresCcsid...				611015		16062000
062100+D		N			611015		16062100
062200+ *					571108		16062200
062300+ *	Structure to hold a qualified name				571108		16062300
062400+D	wsdl_qName_t...				571108		16062400
062500+D	DS	qualified			571108		16062500
062600+D	lName	like(wsdl_lName_t )			580528		16062600
062700+D	nsPrefix	like(wsdl_nsPrefix_t)			580528		16062700
062800+D	nsValue	like(wsdl_nsValue_t )			580531		16062800
062900+D	isQualified_	1A			621012		16062900
063000+D	reserved_1	15A			621012		16063000
063100+ *					571229		16063100
063200+ *	Structure to hold an attribute				571229		16063200
063300+D	wsdl_attribute_t...				571229		16063300
063400+D	DS	qualified			571229		16063400
063500+D	qName	like(wsdl_QName_t)			600404		16063500
063600+D	qType	like(wsdl_QName_t)			600404		16063600
063700+D	fixed	like(wsdl_value_t)			600406		16063700
063800+ *					571110		16063800
063900+ *	Structure to hold a 'from' / 'to' range value				571110		16063900
064000+ *	See also: New_Range(from: to)				571110		16064000
064100+D	wsdl_range_t DS	qualified			571110		16064100
064200+D	from	10I 0			571110		16064200
064300+D	to	10I 0			571110		16064300
064400+D	reserved_1	8A			571126		16064400
064500+ *					571120		16064500
064600+ *	Structure to hold a generator tag				571120		16064600
064700+D	wsdl_genTag_t DS	qualified			571120		16064700
064800+D	command	30A varying			571120		16064800
064900+D	variable	254A varying			590423		16064900
065000+D	length	10I 0			571120		16065000
065100+D	startColumn	10I 0			571120		16065100
065200+D	maxColumn	10I 0			571120		16065200
065300+D	reserved_1	4A			571126		16065300
065400+D	contChars	14A varying			571201		16065400
065500+D	extension	254A varying			590423		16065500
065600+D	addQuotes	N			600301		16065600
065700+ *					601225		16065700
065800+ *	Structure describing a type definition				601225		16065800
065900+ *	(used by the ParameterVisualizer)				601225		16065900

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066000+D	visualizedType_t...			601225		16066000	
066100+D	DS	qualified	based(pDummy)	601225		16066100	
066200+D	entryType	20A	varying	601225		16066200	
066300+D	level	10I 0		601225		16066300	
066400+D	name		like(wsdl_name_t )	601225		16066400	
066500+D	rpgType		likeds(wsdl_rpgType_t )	601225		16066500	
066600+D	extTypeInf	20A	varying	601225		16066600	
066700+ *				601225		16066700	
066800+ *	Possible values of 'visualizedType.entryType'			601225		16066800	
066900+ *	... request message			601225		16066900	
067000+D	cENTRY_TYPE_REQUEST_MESSAGE...			601225		16067000	
067100+D	C		'*REQUEST'	601225		16067100	
067200+ *	... response message			601225		16067200	
067300+D	cENTRY_TYPE_RESPONSE_MESSAGE...			601225		16067300	
067400+D	C		'*RESPONSE'	601225		16067400	
067500+ *				601225		16067500	
067600+ *	Possible values of 'visualizedType.extTypeInf'			601225		16067600	
067700+ *	... static arrays			601225		16067700	
067800+D	cEXT_TYPE_INF_STATIC_ARRAY...			601225		16067800	
067900+D	C		'*STATIC_ARRAY'	601225		16067900	
068000+D	cEXT_TYPE_INF_ARRAY_INDEX...			601225		16068000	
068100+D	C		'*ARRAY_INDEX'	601225		16068100	
068200+ *	... dynamic arrays			601225		16068200	
068300+D	cEXT_TYPE_INF_DYNAMIC_ARRAY...			601225		16068300	
068400+D	C		'*DYNAMIC_ARRAY'	601225		16068400	
068500+ *	... recursion indicator			611205		16068500	
068600+D	cEXT_TYPE_INF_RECURSION...			611205		16068600	
068700+D	C		'*RECURSION'	611205		16068700	
068800+ *				571108		16068800	
068900+ *	Error code			571108		16068900	
069000+D	cWSDL_ERROR	C	-1	571108		16069000	
069100+D	cWSDL_OK	C	0	571108		16069100	
069200+ *				571108		16069200	
069300+ *	WSDL file constants			571108		16069300	
069400+ *	... xPath			571108		16069400	
069500+D	cWSDL_XPATH_DEFINITIONS...			571108		16069500	
069600+D	C		'/definitions'	571108		16069600	
069700+ *				571108		16069700	
069800+ *	... attributes			571108		16069800	
069900+D	cWSDL_ATTR_XMLNS...			571108		16069900	
070000+D	C		'xmlns:'	571108		16070000	
070100+ *				571110		16070100	
070200+ *	Namespaces			571110		16070200	
070300+D	cNS_WSDL...			571110		16070300	
070400+D	C		'http://schemas.xmlsoap.org/wsdl/'	571110		16070400	
070500+D	cNS_WSDL_SOAP...			571110		16070500	
070600+D	C		'http://schemas.xmlsoap.org/wsdl/+	571207		16070600	
070700+D			soap/'	571207		16070700	
070800+D	cNS_WSDL_SOAP12...			601104		16070800	
070900+D	C		'http://schemas.xmlsoap.org/wsdl/+	601104		16070900	
071000+D			soap12/'	601104		16071000	
071100+D	cNS_WSDL_SOAP_ENVELOPE...			571229		16071100	
071200+D	C		'http://schemas.xmlsoap.org/+	571229		16071200	
071300+D			soap/envelope/'	571229		16071300	
071400+D	cNS_WSDL_SOAP_12_ENVELOPE...			601120		16071400	
071500+D	C		'http://www.w3.org/2003/05/+	601120		16071500	

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071600+D		soap-envelope'		601120		16071600	
071700+D	CNS_WSDL_SOAP_ENCODING...			571229		16071700	
071800+D	C	'http://schemas.xmlsoap.org/+		571229		16071800	
071900+D		soap/encoding/ '		571229		16071900	
072000+D	CNS_WSDL_HTTP...			571207		16072000	
072100+D	C	'http://schemas.xmlsoap.org/wsdl/+		571207		16072100	
072200+D		http/ '		571207		16072200	
072300+D	CNS_APACHE_SOAP...			571110		16072300	
072400+D	C	'http://xml.apache.org/xml-soap'		571110		16072400	
072500+D	CNS_SCHEMA...			571110		16072500	
072600+D	C	'http://www.w3.org/2001/XMLSchema'		571110		16072600	
072700+D	CNS_SCHEMA_INSTANCE...			571231		16072700	
072800+D	C	'http://www.w3.org/2001/+		571231		16072800	
072900+D		XMLSchema-instance'		571231		16072900	
073000+ *				580531		16073000	
073100+ *	Namespaces of WSDL2RPG			580531		16073100	
073200+D	cPREFIX_WSDL2RPG...			580604		16073200	
073300+D	C	'wns'		580604		16073300	
073400+D	CNS_WSDL2RPG...			580531		16073400	
073500+D	C	'http://www.tools400.de/wsdl2rpg/ '		580531		16073500	
073600+ *				571229		16073600	
073700+ *	WSDL styles			571229		16073700	
073800+D	cWSDL_STYLE_RPC...			571229		16073800	
073900+D	C	'rpc'		571229		16073900	
074000+D	cWSDL_STYLE_DOCUMENT...			571229		16074000	
074100+D	C	'document'		571229		16074100	
074200+ *				571231		16074200	
074300+ *	WSDL usages			571231		16074300	
074400+D	cWSDL_USE_LITERAL...			571231		16074400	
074500+D	C	'literal'		571231		16074500	
074600+D	cWSDL_USE_ENCODED...			571231		16074600	
074700+D	C	'encoded'		571231		16074700	
074800+ *				571113		16074800	
074900+ *	RPG generator			571113		16074900	
075000+D	cREFERENCE_FIELD_SUFFIX...			571113		16075000	
075100+D	C	'_t'		571113		16075100	
075200+D	cDEFAULT_TAB_INDENT...			571118		16075200	
075300+D	C	3		571118		16075300	
075400+D	cDEFAULT_LEFT_MARGIN...			571118		16075400	
075500+D	C	10		571118		16075500	
075600+D	cDEFAULT_RIGHT_MARGIN...			571118		16075600	
075700+D	C	80		571118		16075700	
075800+ *				571118		16075800	
075900+D	cCONTINUE_LITERAL...			571118		16075900	
076000+D	C	'+'		571118		16076000	
076100+D	cCONTINUE_NAME...			571118		16076100	
076200+D	C	'...'		571118		16076200	
076300+D	cCONTINUE_NEXT_LINE...			571129		16076300	
076400+D	C	'...'		571129		16076400	
076500+D	cEOL...			571118		16076500	
076600+D	C	','		571118		16076600	
076700+ *				571118		16076700	
076800+D	cSPEC_IF...			580202		16076800	
076900+D	C	'if'		580202		16076900	
077000+D	cSPEC_ELSE...			591018		16077000	
077100+D	C	'else'		591018		16077100	



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077200+D	cSPEC_ENDIF...				580202		16077200
077300+D	C	'endif'			580202		16077300
077400+D	cSPEC_WHEN...				571118		16077400
077500+D	C	'when'			571118		16077500
077600+D	cSPEC_OTHER...				590618		16077600
077700+D	C	'other'			590618		16077700
077800+D	cSPEC_SELECT...				571118		16077800
077900+D	C	'select'			571118		16077900
078000+D	cSPEC_ENDSL...				571118		16078000
078100+D	C	'endsl'			571118		16078100
078200+D	cSPEC_FOR...				571214		16078200
078300+D	C	'for %iter% = %from% to %to%'			571214		16078300
078400+D	cSPEC_ENDFOR...				571214		16078400
078500+D	C	'endfor'			571214		16078500
078600+D	cSPEC_RETURN...				580202		16078600
078700+D	C	'return'			580202		16078700
078800+ *					571113		16078800
078900+D	cBOOL_AND...				571118		16078900
079000+D	C	'and'			571118		16079000
079100+ *					571120		16079100
079200+D	cGENERATOR_TAG_START...				571120		16079200
079300+D	C	'%('			571120		16079300
079400+D	cGENERATOR_TAG_OPEN_BRACKET...				590108		16079400
079500+D	C	'('			590108		16079500
079600+D	cGENERATOR_TAG_CLOSE_BRACKET...				590108		16079600
079700+D	C	')'			571120		16079700
079800+D	cGENERATOR_TAG_FIRST_DELIMITER...				571120		16079800
079900+D	C	':'			571120		16079900
080000+D	cGENERATOR_TAG_NEXT_DELIMITER...				571120		16080000
080100+D	C	';'			571120		16080100
080200+ *					571120		16080200
080300+D	cGENERATOR_CALLBACK_START...				571120		16080300
080400+D	C	'Start'			571120		16080400
080500+D	cGENERATOR_CALLBACK_END...				571120		16080500
080600+D	C	'End'			571120		16080600
080700+ *					571120		16080700
080800+D	cGENERATOR_CMD_GENERATE...				571120		16080800
080900+D	C	'generate'			571120		16080900
081000+D	cGENERATOR_CMD_GENERATE_OPERATION_PROCEDURE_PROTOTYPE...				571201		16081000
081100+D	C	'operationProcedurePrototype'			571201		16081100
081200+D	cGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETERS...				571201		16081200
081300+D	C	'operationRequestParameters'			571201		16081300
081400+D	cGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETERS_PR...				611209		16081400
081500+D	C	'operationRequestParameters_PR'			611209		16081500
081600+D	cGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETER_LIST...				590623		16081600
081700+D	C	'operationRequestParameterList'			590623		16081700
081800+D	cGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETER_TYPES...				590623		16081800
081900+D	C	'operationRequestParameterTypes'			590623		16081900
082000+D	cGENERATOR_CMD_GENERATE_OPERATION_RESPONSE_TYPE...				590624		16082000
082100+D	C	'operationResponseType'			590624		16082100
082200+D	cGENERATOR_CMD_GENERATE_TYPES...				571201		16082200
082300+D	C	'types'			571201		16082300
082400+D	cGENERATOR_CMD_GENERATE_PROTOTYPES...				571201		16082400
082500+D	C	'operationPrototypes'			571201		16082500
082600+D	cGENERATOR_CMD_GENERATE_WEB_SERVICE_ENDPOINT...				571201		16082600
082700+D	C	'webServiceEndPoint'			571201		16082700

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082800+D	cGENERATOR_CMD_GENERATE_OPERATION_PROCEDURE_INTERFACE...			571201		16082800	
082900+D	C 'operationProcedureInterface'			571201		16082900	
083000+D	cGENERATOR_CMD_GENERATE_OPERATION_RETURN_VALUE...			571201		16083000	
083100+D	C 'operationReturnValue'			571201		16083100	
083200+D	cGENERATOR_CMD_GENERATE_OPERATION_USERDATA...			571201		16083200	
083300+D	C 'operationUserData'			571201		16083300	
083400+D	cGENERATOR_CMD_GENERATE_OPERATION_RESPONSE_SOAP_HEADER...			600406		16083400	
083500+D	C 'operationResponseSoapHeader'			600406		16083500	
083600+D	cGENERATOR_CMD_GENERATE_END_OF_PROCEDURE...			571201		16083600	
083700+D	C 'endOfProcedure'			571201		16083700	
083800+D	cGENERATOR_CMD_GENERATE_CALLBACKS...			571120		16083800	
083900+D	C 'callbackProcedures'			571120		16083900	
084000+D	cGENERATOR_CMD_GENERATE_NAMESPACES...			571202		16084000	
084100+D	C 'namespaces'			571202		16084100	
084200+D	cGENERATOR_CMD_GENERATE_SOAP_HEADER...			600406		16084200	
084300+D	C 'soapHeader'			600406		16084300	
084400+D	cGENERATOR_CMD_GENERATE_REQUEST...			571202		16084400	
084500+D	C 'request'			571202		16084500	
084600+D	cGENERATOR_CMD_GENERATE_DIMENSIONS...			571205		16084600	
084700+D	C 'dimensions'			571205		16084700	
084800+D	cGENERATOR_CMD_GENERATE_ARRAY_ITERATOR...			571214		16084800	
084900+D	C 'arrayIterator'			571214		16084900	
085000+D	cGENERATOR_CMD_GENERATE_ARRAY_ITEM...			620504		16085000	
085100+D	C 'arrayItem'			620504		16085100	
085200+D	cGENERATOR_CMD_GENERATE_SET_INPUT_PARAMETERS...			600228		16085200	
085300+D	C 'setInputParameters'			600228		16085300	
085400+D	cGENERATOR_CMD_GENERATE_LIST_OF_STUB_MODULES...			611001		16085400	
085500+D	C 'listOfStubModules'			611001		16085500	
085600+ *				571120		16085600	
085700+D	cGENERATOR_CMD_VARIABLE...			571120		16085700	
085800+D	C 'var'			571120		16085800	
085900+D	cGENERATOR_CMD_QUOTED_VARIABLE...			600301		16085900	
086000+D	C 'qvar'			600301		16086000	
086100+D	cGENERATOR_CMD_VARIABLE_OUTPUT_MEMBER...			571201		16086100	
086200+D	C 'outmbr'			571201		16086200	
086300+D	cGENERATOR_CMD_VARIABLE_PORT_NAME...			571227		16086300	
086400+D	C 'portName'			571227		16086400	
086500+D	cGENERATOR_CMD_VARIABLE_WSDL_PORT_NAME...			620531		16086500	
086600+D	C 'wsdlPortName'			620531		16086600	
086700+D	cGENERATOR_CMD_VARIABLE_OPERATION_NAME...			571201		16086700	
086800+D	C 'operationName'			571201		16086800	
086900+D	cGENERATOR_CMD_VARIABLE_MEMBER_TEXT...			590326		16086900	
087000+D	C 'memberText'			590326		16087000	
087100+D	cGENERATOR_CMD_VARIABLE_OPERATION_RESPONSE...			571201		16087100	
087200+D	C 'operationResponse'			571201		16087200	
087300+D	cGENERATOR_CMD_VARIABLE_START_CALLBACK...			571201		16087300	
087400+D	C 'startCallback'			571201		16087400	
087500+D	cGENERATOR_CMD_VARIABLE_END_CALLBACK...			571201		16087500	
087600+D	C 'endCallback'			571201		16087600	
087700+D	cGENERATOR_CMD_VARIABLE_START_HEADER_CALLBACK...			600406		16087700	
087800+D	C 'startHeaderCallback'			600406		16087800	
087900+D	cGENERATOR_CMD_VARIABLE_END_HEADER_CALLBACK...			600406		16087900	
088000+D	C 'endHeaderCallback'			600406		16088000	
088100+D	cGENERATOR_CMD_VARIABLE_SOAP_ACTION...			571208		16088100	
088200+D	C 'soapAction'			571208		16088200	
088300+D	cGENERATOR_CMD_VARIABLE_ADDR_USERDATA...			581030		16088300	

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088400+D	C	'%addr_userData_'			590729		16088400
088500+D	cGENERATOR_CMD_VARIABLE_CLEAR_RTNVALUE...				581030		16088500
088600+D	C	'clear_rtnValue'			581030		16088600
088700+D	cGENERATOR_CMD_VARIABLE_RTNVALUE_USERDATA...				581030		16088700
088800+D	C	'rtnValue=_userData'			581030		16088800
088900+D	cGENERATOR_CMD_VARIABLE_RTNVALUE...				581030		16088900
089000+D	C	'rtnValue'			581030		16089000
089100+D	cGENERATOR_CMD_VARIABLE_STUB...				590623		16089100
089200+D	C	'stub'			590623		16089200
089300+D	cGENERATOR_CMD_VARIABLE_FULL_QUALIFIED_STUB...				601205		16089300
089400+D	C	'fullQualifiedStub'			601205		16089400
089500+D	cGENERATOR_CMD_VARIABLE_SRVMOD...				610929		16089500
089600+D	C	'srvMod'			610929		16089600
089700+D	cGENERATOR_CMD_VARIABLE_SRVPGM...				611001		16089700
089800+D	C	'srvPgm'			611001		16089800
089900+D	cGENERATOR_CMD_VARIABLE_FULL_QUALIFIED_SRVMOD...				610929		16089900
090000+D	C	'fullQualifiedSrvMod'			610929		16090000
090100+D	cGENERATOR_CMD_VARIABLE_PROCEDURE_NAME...				590623		16090100
090200+D	C	'procedureName'			590623		16090200
090300+D	cGENERATOR_CMD_VARIABLE_OPERATION_RESPONSE_TYPE...				590624		16090300
090400+D	C	'operationResponseType'			590624		16090400
090500+D	cGENERATOR_CMD_VARIABLE_ENABLE_ATTACHMENTS...				591019		16090500
090600+D	C	'enableAttachments'			591019		16090600
090700+D	cGENERATOR_CMD_VARIABLE_SERVICE_UUID...				591019		16090700
090800+D	C	'serviceUUID'			591019		16090800
090900+D	cGENERATOR_CMD_VARIABLE_WSDL2RPG_VERSION...				591024		16090900
091000+D	C	'version'			591024		16091000
091100+D	cGENERATOR_CMD_VARIABLE_WSDL2RPG_DATE...				591024		16091100
091200+D	C	'date'			591024		16091200
091300+D	cGENERATOR_CMD_VARIABLE_WSDL2RPG_VERSION_INFO...				591024		16091300
091400+D	C	'versionInfo'			591024		16091400
091500+D	cGENERATOR_CMD_VARIABLE_BUILD_ON...				591024		16091500
091600+D	C	'buildOn'			591024		16091600
091700+D	cGENERATOR_CMD_VARIABLE_PTR_RESP_SOAP_HEADER...				600406		16091700
091800+D	C	'ptrRespSoapHeader'			600406		16091800
091900+D	cGENERATOR_CMD_VARIABLE_UNEXPECTED_ELEMENT_START_CALLBACK...				601201		16091900
092000+D	C	'unexpectedElemStart'			601201		16092000
092100+D	cGENERATOR_CMD_VARIABLE_UNEXPECTED_ELEMENT_END_CALLBACK...				601201		16092100
092200+D	C	'unexpectedElemEnd'			601201		16092200
092300+D	cGENERATOR_CMD_VARIABLE_IGNORE_UNEXPECTED_SOAP_HDR...				601203		16092300
092400+D	C	'ignoreUnexpectedSoapHdr'			601203		16092400
092500+D	cGENERATOR_CMD_VARIABLE_TGTRLS...				610416		16092500
092600+D	C	'tgtrls'			610416		16092600
092700+ *					571221		16092700
092800+D	cGENERATOR_PREFIX_NAME_DELIMITER...				591024		16092800
092900+D	C	'_'			591024		16092900
093000+D	cGENERATOR_NAME_CONCATENATION...				591024		16093000
093100+D	C	'_of_'			591024		16093100
093200+D	cGENERATOR_RPG_ARRAY_PREFIX...				571221		16093200
093300+D	C	'RpgArrayOf '			571221		16093300
093400+D	cGENERATOR_RENAME_TYPE_NAME_SUFFIX...				580121		16093400
093500+D	C	'Rnmd'			580118		16093500
093600+D	cGENERATOR_MOVED_TYPE_NAME_SUFFIX...				580121		16093600
093700+D	C	'Mvd'			580121		16093700
093800+D	cGENERATOR_REFERENCE_NAME_SUFFIX...				581028		16093800
093900+D	C	'Ref'			581028		16093900

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
094000+D	cGENERATOR_RPC_RESPONSE_NAME_SUFFIX...			590109		16094000	
094100+D	C 'Response'			621001		16094100	
094200+D	cGENERATOR_RPG_ARRAY_VALUE_NAME_1...			580125		16094200	
094300+D	C 'item'			580125		16094300	
094400+D	cGENERATOR_RPG_ARRAY_VALUE_NAME_2...			580125		16094400	
094500+D	C 'value'			580125		16094500	
094600+D	cGENERATOR_RPG_SEQUENCE_HELPER_TYPE...			600901		16094600	
094700+D	C 'Sequence_type'			600901		16094700	
094800+D	cGENERATOR_RPG_CHOICE_HELPER_TYPE...			600901		16094800	
094900+D	C 'Choice_type'			600901		16094900	
095000+D	cGENERATOR_CNULL_CHECK_PROCEDURE_INPUT_PARAMETER...			601010		16095000	
095100+D	C 'value'			601010		16095100	
095200+D	cGENERATOR_CNULL_CHECK_PROCEDURE_NULL_VALUE...			601010		16095200	
095300+D	C 'null'			601010		16095300	
095400+D	cGENERATOR_CNULL_CHECK_PROCEDURE_RETURN_VALUE...			601010		16095400	
095500+D	C 'isNull'			601010		16095500	
095600+D	cGENERATOR_CNULL_CHECK_PROCEDURE_SUFFIX...			601010		16095600	
095700+D	C '_isNull'			601010		16095700	
095800+D	cGENERATOR_UNEXPECTED_ELEMENT_START...			601201		16095800	
095900+D	C 'SOAPMessage_unexpectedElementStart'			601201		16095900	
096000+D	cGENERATOR_UNEXPECTED_ELEMENT_END...			601201		16096000	
096100+D	C 'SOAPMessage_unexpectedElementEnd'			601201		16096100	
096200+ *				591024		16096200	
096300+D	cTEMP_FILE_IDENTIFIER...			591024		16096300	
096400+D	C '_wsdl2rpg'			591024		16096400	
096500+ *				571201		16096500	
096600+ *	General purpose constants			571113		16096600	
096700+D	cSINGLE_QUOTE...			571113		16096700	
096800+D	C ''''			571113		16096800	
096900+D	cDOUBLE_QUOTE...			571202		16096900	
097000+D	C ''''			571202		16097000	
097100+ *				580905		16097100	
097200+D	cEBCDIC_CRLF C	x'0D25'		580905		16097200	
097300+ *				591016		16097300	
097400+D	cSQUARE_BRACKETS...			591016		16097400	
097500+D	C	u'005B005D'		591016		16097500	
097600+D	cSQUARE_BRACKET_LEFT...			591208		16097600	
097700+D	C	u'005B'		591208		16097700	
097800+D	cSQUARE_BRACKET_RIGHT...			591208		16097800	
097900+D	C	u'005D'		591208		16097900	
098000+ *				591020		16098000	
098100+D	cOPEN_ANGLE...			591020		16098100	
098200+D	C	'<'		591020		16098200	
098300+D	cCLOSE_ANGLE...			591020		16098300	
098400+D	C	'>'		591020		16098400	
098500+ *				600505		16098500	
098600+ *	Dynamic List Constants			600505		16098600	
098700+D	CURRENT_ITEM C	'currentItem'		600505		16098700	
098800+D	CURRENT_ITEM_PTR...			600505		16098800	
098900+D	C	'pCurrentItem'		600505		16098900	
099000+D	EMPTY_ITEM C	'emptyItem'		600505		16099000	
099100+D	HANDLE_ITEMS C	'hItems'		600514		16099100	
099200+D	PREFIX_CURRENT_ITEM...			600514		16099200	
099300+D	C	'cur'		600514		16099300	
099400+D	PREFIX_NEW_ITEM...			600514		16099400	
099500+D	C	'new'		600514		16099500	

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099600+D	FULL_ELEM_DATA C	'itemValue'			610718		16099600
099700+ *					571110		16099700
099800+ /ENDIF					571106		16099800
000500+ *					571110		15000500
000600+ *	Sends a status message.				571110		15000600
000700+D	AppMsg_sendStatusMsg...				571204		15000700
000800+D	PR				571110		15000800
000900+D		extproc('WSDL2R90_+			571204		15000900
001000+D		AppMsg_sendStatusMsg+			571204		15001000
001100+D		')			571110		15001100
001200+D	i_msg	const likeds(msg_t )			590109		15001200
001300+ *					571212		15001300
001400+ *	Sends a diagnostic message.				571212		15001400
001500+D	AppMsg_sendDiagMsg...				571212		15001500
001600+D	PR				571212		15001600
001700+D		extproc('WSDL2R90_+			571212		15001700
001800+D		AppMsg_sendDiagMsg+			571212		15001800
001900+D		')			571212		15001900
002000+D	i_msg	const likeds(msg_t )			571212		15002000
002100+D	i_toStkC	10I 0 const options(*nopass: *omit)			591223		15002100
002200+D	i_toProc	256A const options(*nopass: *omit)			591223		15002200
002300+ *					581104		15002300
002400+ *	Sends an escape message.				581104		15002400
002500+D	AppMsg_sendEscMsg...				581104		15002500
002600+D	PR				581104		15002600
002700+D		extproc('WSDL2R90_+			581104		15002700
002800+D		AppMsg_sendEscMsg+			581104		15002800
002900+D		')			581104		15002900
003000+D	i_msg	const likeds(msg_t )			581104		15003000
003100+D	i_toStkC	10I 0 const options(*nopass: *omit)			591223		15003100
003200+D	i_toProc	256A const options(*nopass: *omit)			591223		15003200
003300+ *					620108		15003300
003400+ *	Dumps the call stack to the debug log and sends an escape message.				620108		15003400
003500+D	AppMsg_sendEscMsgAndDump...				620108		15003500
003600+D	PR				620108		15003600
003700+D		extproc('WSDL2R90_+			620108		15003700
003800+D		AppMsg_sendEscMsgAndDump+			620108		15003800
003900+D		')			620108		15003900
004000+D	i_msg	const likeds(msg_t )			620108		15004000
004100+ *					571120		15004100
004200+ *	Creates a message.				571120		15004200
004300+D	AppMsg_new...				571204		15004300
004400+D	PR	likeds(msg_t )			571120		15004400
004500+D		extproc('WSDL2R90_+			571204		15004500
004600+D		AppMsg_new+			571204		15004600
004700+D		')			571120		15004700
004800+D	i_ID	const like(msg_t.ID )			571120		15004800
004900+D	i_data	const like(msg_t.data )			571120		15004900
005000+D		options(*nopass)			571205		15005000
005100+D	i_type	const like(msg_t.data )			571120		15005100
005200+D		options(*nopass)			571120		15005200
005300+ *					571205		15005300
005400+ *	Creates an error message.				571205		15005400
005500+D	AppMsg_newError...				571205		15005500
005600+D	PR	likeds(msg_t )			571205		15005600
005700+D		extproc('WSDL2R90_+			571205		15005700

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005800+D		AppMsg_newError+			571205		15005800
005900+D		)			571205		15005900
006000+D	i_ID	const like(msg_t.ID )			571205		15006000
006100+D	i_data	const like(msg_t.data )			571205		15006100
006200+ *					571212		15006200
006300+ *	Sends an application message to cancel the application.				571212		15006300
006400+D	AppMsg_sendCancelMsg...				571212		15006400
006500+D	PR				571212		15006500
006600+D		extproc('WSDL2R90_+			571212		15006600
006700+D		AppMsg_sendCancelMsg+			571212		15006700
006800+D		)			571212		15006800
006900+D	i_msg	const likeds(msg_t )			571212		15006900
007000+ *					571120		15007000
007100+ *	Sends a message to the command line.				571120		15007100
007200+D	AppMsg_sendToCmdLine...				571204		15007200
007300+D	PR				571120		15007300
007400+D		extproc('WSDL2R90_+			571204		15007400
007500+D		AppMsg_sendToCmdLine+			571204		15007500
007600+D		)			571120		15007600
007700+D	i_msg	value likeds(msg_t )			571120		15007700
007800+ *					601230		15007800
007900+ *	Retrieves the first-level message text of a given message				601230		15007900
008000+ *	description.				601230		15008000
008100+D	AppMsg_retrieveMsgText...				601230		15008100
008200+D	PR 132A	varying			601230		15008200
008300+D		extproc('WSDL2R90_+			601230		15008300
008400+D		AppMsg_retrieveMsgText+			601230		15008400
008500+D		)			601230		15008500
008600+D	i_msgID	value like(msg_t.ID )			601230		15008600
008700+D	i_msgData	value like(msg_t.data )			601230		15008700
008800+ *					601230		15008800
008900+ *	Retrieves the second-level message text of a given message				601230		15008900
009000+ *	description.				601230		15009000
009100+D	AppMsg_retrieveHelpText...				601230		15009100
009200+D	PR 3000A	varying			601230		15009200
009300+D		extproc('WSDL2R90_+			601230		15009300
009400+D		AppMsg_retrieveHelpText+			601230		15009400
009500+D		)			601230		15009500
009600+D	i_msgID	value like(msg_t.ID )			601230		15009600
009700+D	i_msgData	value like(msg_t.data )			601230		15009700
009800+ *					571205		15009800
009900+ *	Creates an NULL message.				571205		15009900
010000+D	AppMsg_null...				571205		15010000
010100+D	PR	likeds(msg_t )			571205		15010100
010200+D		extproc('WSDL2R90_+			571205		15010200
010300+D		AppMsg_null+			571205		15010300
010400+D		)			571205		15010400
010500+ *					571205		15010500
010600+ *	Tests a given message for a NULL value.				571205		15010600
010700+D	AppMsg_isNull...				571205		15010700
010800+D	PR N				571205		15010800
010900+D		extproc('WSDL2R90_+			571205		15010900
011000+D		AppMsg_isNull+			571205		15011000
011100+D		)			571205		15011100
011200+D	i_msg	const likeds(msg_t )			571205		15011200
011300+ *					600911		15011300

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
011400+	* Sends a "deprecated" message.			600911		15011400	
011500+	D deprecated...			600911		15011500	
011600+	D PR			600911		15011600	
011700+	D extproc('WSDL2R90_+			600911		15011700	
011800+	D deprecated+			600911		15011800	
011900+	D ')			600911		15011900	
012000+	* 571107			571107		15012000	
012100+	/ENDIF 571108			571108		15012100	
005600+	* 000000			000000		9005600	
005700+	* Array dimensions: 000000			000000		9005700	
005800+	* 000000			000000		9005800	
005900+	* Web Service specific types: 000000			000000		9005900	
006000+	* 000000			000000		9006000	
006100+	D tns_EnviaArchivo_t... 000000			000000		9006100	
006200+	D DS based(pDummy)			000000		9006200	
006300+	D qualified			000000		9006300	
006400+	D contenido 128A varying			000000		9006400	
006500+	D contenidobyte 128A varying			000000		9006500	
006600+	D destino 128A varying			000000		9006600	
006700+	D dominio 128A varying			000000		9006700	
006800+	D esarchvio 10I 0 000000			000000		9006800	
006900+	D namearchivo 128A varying			000000		9006900	
007000+	D origen 128A varying			000000		9007000	
007100+	D password 128A varying			000000		9007100	
007200+	D tipoarchivo 128A varying			000000		9007200	
007300+	D userName 128A varying			000000		9007300	
007400+	D ID 10I 0 000000			000000		9007400	
007500+	* 000000			000000		9007500	
007600+	* 000000			000000		9007600	
007700+	D tns_EnviaArchivoResponse_t... 000000			000000		9007700	
007800+	D DS based(pDummy)			000000		9007800	
007900+	D qualified			000000		9007900	
008000+	D EnviaArchivoResult... 000000			000000		9008000	
008100+	D 128A varying 000000			000000		9008100	
008200+	* 000000			000000		9008200	
008300+	* 000000			000000		9008300	
008400+	* Public prototypes 000000			000000		9008400	
008500+	* 000000			000000		9008500	
008600+	* Web service: Returns the endpoint of the Web service 000000			000000		9008600	
008700+	D POSIX_ServiceSoap_Endpoint_get... 000000			000000		9008700	
008800+	D PR 32767A varying 000000			000000		9008800	
008900+	D extproc('+			000000		9008900	
009000+	D POSIX_ServiceSoap+			000000		9009000	
009100+	D _Endpoint_get+			000000		9009100	
009200+	D ')			000000		9009200	
009300+	* 000000			000000		9009300	
009400+	* Web service: Sets the endpoint of the Web service 000000			000000		9009400	
009500+	D POSIX_ServiceSoap_Endpoint_set... 000000			000000		9009500	
009600+	D PR 000000			000000		9009600	
009700+	D extproc('+			000000		9009700	
009800+	D POSIX_ServiceSoap+			000000		9009800	
009900+	D _Endpoint_set+			000000		9009900	
010000+	D ')			000000		9010000	
010100+	D i_url 32767A const varying options(*varsize) 000000			000000		9010100	
010200+	* 000000			000000		9010200	
010300+	* Web service: Returns the host name of the Web Service endpoint 000000			000000		9010300	

Line Number	Source Specifications	Comments	Do	Page	Change	Src	Seq
.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10			Num	Line	Date	Id	Number
010400+D	POSX_ServiceSoap_Endpoint_getHost...				000000		9010400
010500+D	PR 32767A varying				000000		9010500
010600+D	extproc('+				000000		9010600
010700+D	POSX_ServiceSoap+				000000		9010700
010800+D	_Endpoint_getHost+				000000		9010800
010900+D	')				000000		9010900
011000+ *					000000		9011000
011100+ *	Web service: Sets the host name of the Web service endpoint				000000		9011100
011200+D	POSX_ServiceSoap_Endpoint_setHost...				000000		9011200
011300+D	PR				000000		9011300
011400+D	extproc('+				000000		9011400
011500+D	POSX_ServiceSoap+				000000		9011500
011600+D	_Endpoint_setHost+				000000		9011600
011700+D	')				000000		9011700
011800+D	i_url 32767A const varying options(*varsize)				000000		9011800
011900+ *					000000		9011900
012000+ *	Web service: Returns the port of the Web Service endpoint				000000		9012000
012100+D	POSX_ServiceSoap_Endpoint_getPort...				000000		9012100
012200+D	PR 10I 0				000000		9012200
012300+D	extproc('+				000000		9012300
012400+D	POSX_ServiceSoap+				000000		9012400
012500+D	_Endpoint_getPort+				000000		9012500
012600+D	')				000000		9012600
012700+ *					000000		9012700
012800+ *	Web service: Sets the port of the Web service endpoint				000000		9012800
012900+D	POSX_ServiceSoap_Endpoint_setPort...				000000		9012900
013000+D	PR				000000		9013000
013100+D	extproc('+				000000		9013100
013200+D	POSX_ServiceSoap+				000000		9013200
013300+D	_Endpoint_setPort+				000000		9013300
013400+D	')				000000		9013400
013500+D	i_port 10I 0 const				000000		9013500
013600+ *					000000		9013600
013700+ *	Web service: Initializes the web services port				000000		9013700
013800+D	POSX_ServiceSoap_Port_initialize...				000000		9013800
013900+D	PR				000000		9013900
014000+D	extproc('+				000000		9014000
014100+D	POSX_ServiceSoap+				000000		9014100
014200+D	_Port_initialize+				000000		9014200
014300+D	')				000000		9014300
014400+D	i_operName const like(wsdl_operName_t )				000000		9014400
014500+ *					000000		9014500
014600+ *	Web service: Sets the proxy server to use for the connection				000000		9014600
014700+D	POSX_ServiceSoap_Port_setHttpProxy...				000000		9014700
014800+D	PR				000000		9014800
014900+D	extproc('+				000000		9014900
015000+D	POSX_ServiceSoap+				000000		9015000
015100+D	_Port_setHttpProxy+				000000		9015100
015200+D	')				000000		9015200
015300+D	i_server 256A const				000000		9015300
015400+D	i_port 10I 0 const				000000		9015400
015500+ *					000000		9015500
015600+ *	Web service: Returns the proxy server to use for the connection				000000		9015600
015700+D	POSX_ServiceSoap_Port_getHttpProxy...				000000		9015700
015800+D	PR likeds(wsdl_proxy_t )				000000		9015800
015900+D	extproc('+				000000		9015900



Line Number	Source Specifications	Comments	Do	Page	Change	Src	Seq
1	2	3	4	5	6	7	8
016000+D	POSX_ServiceSoap+				000000		9016000
016100+D	_Port_getHttpProxy+				000000		9016100
016200+D	)				000000		9016200
016300+ *					000000		9016300
016400+ *	Web service: Enables/disables the debug log of HTTP API				000000		9016400
016500+D	POSX_ServiceSoap_Port_setHttpDebug...				000000		9016500
016600+D	PR				000000		9016600
016700+D	extproc('+				000000		9016700
016800+D	POSX_ServiceSoap+				000000		9016800
016900+D	_Port_setHttpDebug+				000000		9016900
017000+D	)				000000		9017000
017100+D	i_status N const				000000		9017100
017200+D	i_fileName 500A const varying options(*nopass)				000000		9017200
017300+D	i_verbose N const options(*nopass)				000000		9017300
017400+ *					000000		9017400
017500+ *	Web service: Returns the HTTP API debug settings				000000		9017500
017600+D	POSX_ServiceSoap_Port_getHttpDebug...				000000		9017600
017700+D	PR likeds(wsdl_httpDebug_t )				000000		9017700
017800+D	extproc('+				000000		9017800
017900+D	POSX_ServiceSoap+				000000		9017900
018000+D	_Port_getHttpDebug+				000000		9018000
018100+D	)				000000		9018100
018200+ *					000000		9018200
018300+ *	Web service: Sets the CCSID used for POST data.				000000		9018300
018400+D	POSX_ServiceSoap_Port_setPostCcsid...				000000		9018400
018500+D	PR				000000		9018500
018600+D	extproc('+				000000		9018600
018700+D	POSX_ServiceSoap+				000000		9018700
018800+D	_Port_setPostCcsid+				000000		9018800
018900+D	)				000000		9018900
019000+D	i_post_ccsid 10I 0 const				000000		9019000
019100+ *					000000		9019100
019200+ *	Web service: Returns the CCSID used for POST data.				000000		9019200
019300+D	POSX_ServiceSoap_Port_getPostCcsid...				000000		9019300
019400+D	PR 10I 0				000000		9019400
019500+D	extproc('+				000000		9019500
019600+D	POSX_ServiceSoap+				000000		9019600
019700+D	_Port_getPostCcsid+				000000		9019700
019800+D	)				000000		9019800
019900+ *					000000		9019900
020000+ *	Web service: Sets the timeout that HTTPAPI uses				000000		9020000
020100+ *	when connecting to the server or waiting for response.				000000		9020100
020200+D	POSX_ServiceSoap_Port_setTimeout...				000000		9020200
020300+D	PR				000000		9020300
020400+D	extproc('+				000000		9020400
020500+D	POSX_ServiceSoap+				000000		9020500
020600+D	_Port_setTimeout+				000000		9020600
020700+D	)				000000		9020700
020800+D	i_timeout 10I 0 const				000000		9020800
020900+ *					000000		9020900
021000+ *	Web service: Returns the timeout that HTTPAPI uses				000000		9021000
021100+ *	when connecting to the server or waiting for response.				000000		9021100
021200+D	POSX_ServiceSoap_Port_getTimeout...				000000		9021200
021300+D	PR 10I 0				000000		9021300
021400+D	extproc('+				000000		9021400
021500+D	POSX_ServiceSoap+				000000		9021500

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
021600+D	_Port_getTimeout+			000000		9021600	
021700+D	)			000000		9021700	
021800+ *				000000		9021800	
021900+ *	Web service: Sets the user-agent that HTTPAPI uses			000000		9021900	
022000+ *	to identify the client at the server.			000000		9022000	
022100+D	POSX_ServiceSoap_Port_setUserAgent...			000000		9022100	
022200+D	PR			000000		9022200	
022300+D	extproc('+			000000		9022300	
022400+D	POSX_ServiceSoap+			000000		9022400	
022500+D	_Port_setUserAgent+			000000		9022500	
022600+D	)			000000		9022600	
022700+D	i_userAgent const like(wsdl_userAgent_t )			000000		9022700	
022800+ *				000000		9022800	
022900+ *	Web service: Returns the user-agent that HTTPAPI uses			000000		9022900	
023000+ *	to identify the client at the server.			000000		9023000	
023100+D	POSX_ServiceSoap_Port_getUserAgent...			000000		9023100	
023200+D	PR like(wsdl_userAgent_t )			000000		9023200	
023300+D	extproc('+			000000		9023300	
023400+D	POSX_ServiceSoap+			000000		9023400	
023500+D	_Port_getUserAgent+			000000		9023500	
023600+D	)			000000		9023600	
023700+ *				000000		9023700	
023800+ *	Web service: Clears all error information			000000		9023800	
023900+D	POSX_ServiceSoap_Port_clearErrors...			000000		9023900	
024000+D	PR			000000		9024000	
024100+D	extproc('+			000000		9024100	
024200+D	POSX_ServiceSoap+			000000		9024200	
024300+D	_Port_clearErrors+			000000		9024300	
024400+D	)			000000		9024400	
024500+D	io_errors likeds(wsdl_errors_t )			000000		9024500	
024600+ *				000000		9024600	
024700+ *	Web service: Sets error information			000000		9024700	
024800+D	POSX_ServiceSoap_Port_setErrors...			000000		9024800	
024900+D	PR			000000		9024900	
025000+D	extproc('+			000000		9025000	
025100+D	POSX_ServiceSoap+			000000		9025100	
025200+D	_Port_setErrors+			000000		9025200	
025300+D	)			000000		9025300	
025400+D	i_errors const likeds(wsdl_errors_t )			000000		9025400	
025500+ *				000000		9025500	
025600+ *	Http: Returns cTrue in case of an error, else cFalse.			000000		9025600	
025700+D	POSX_ServiceSoap_Port_isError...			000000		9025700	
025800+D	PR N			000000		9025800	
025900+D	extproc('+			000000		9025900	
026000+D	POSX_ServiceSoap+			000000		9026000	
026100+D	_Port_isError+			000000		9026100	
026200+D	)			000000		9026200	
026300+ *				000000		9026300	
026400+ *	Http: Returns the last HTTP error (code) that occurred.			000000		9026400	
026500+D	POSX_ServiceSoap_HttpError_getCode...			000000		9026500	
026600+D	PR like(wsdl_http_ErrorNo_t )			000000		9026600	
026700+D	extproc('+			000000		9026700	
026800+D	POSX_ServiceSoap+			000000		9026800	
026900+D	_HttpError_getCode+			000000		9026900	
027000+D	)			000000		9027000	
027100+ *				000000		9027100	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
027200+	* Http: Returns the last HTTP error (text) that occurred.			000000		9027200	
027300+D	POSX_ServiceSoap_HttpError_getText...			000000		9027300	
027400+D	PR like(wSDL_http_ErrorText_t)			000000		9027400	
027500+D	extproc('+			000000		9027500	
027600+D	POSX_ServiceSoap+			000000		9027600	
027700+D	_HttpError_getText+			000000		9027700	
027800+D	')			000000		9027800	
027900+	*			000000		9027900	
028000+	* Soap: Returns the last SOAP error (code) that occurred.			000000		9028000	
028100+D	POSX_ServiceSoap_SoapError_getCode...			000000		9028100	
028200+D	PR like(wSDL_soap_faultcode_t )			000000		9028200	
028300+D	extproc('+			000000		9028300	
028400+D	POSX_ServiceSoap+			000000		9028400	
028500+D	_SoapError_getCode+			000000		9028500	
028600+D	')			000000		9028600	
028700+	*			000000		9028700	
028800+	* Soap: Returns the last SOAP error (text) that occurred.			000000		9028800	
028900+D	POSX_ServiceSoap_SoapError_getText...			000000		9028900	
029000+D	PR like(wSDL_soap_faultstring_t)			000000		9029000	
029100+D	extproc('+			000000		9029100	
029200+D	POSX_ServiceSoap+			000000		9029200	
029300+D	_SoapError_getText+			000000		9029300	
029400+D	')			000000		9029400	
029500+	*			000000		9029500	
029600+	* Soap: Returns the last XML error (code) that occurred.			000000		9029600	
029700+D	POSX_ServiceSoap_XmlError_getCode...			000000		9029700	
029800+D	PR like(wSDL_xml_errorNo_t )			000000		9029800	
029900+D	extproc('+			000000		9029900	
030000+D	POSX_ServiceSoap+			000000		9030000	
030100+D	_XmlError_getCode+			000000		9030100	
030200+D	')			000000		9030200	
030300+	*			000000		9030300	
030400+	* Soap: Returns the last XML error (text) that occurred.			000000		9030400	
030500+D	POSX_ServiceSoap_XmlError_getText...			000000		9030500	
030600+D	PR like(wSDL_xml_ErrorText_t )			000000		9030600	
030700+D	extproc('+			000000		9030700	
030800+D	POSX_ServiceSoap+			000000		9030800	
030900+D	_XmlError_getText+			000000		9030900	
031000+D	')			000000		9031000	
031100+	*			000000		9031100	
031200+	* Registers an user callback procedure, that is called whenever			000000		9031200	
031300+	* a web service requires user authentication.			000000		9031300	
031400+D	POSX_ServiceSoap_Port_registerLoginCallback...			000000		9031400	
031500+D	PR			000000		9031500	
031600+D	extproc('+			000000		9031600	
031700+D	POSX_ServiceSoap+			000000		9031700	
031800+D	_Port_registerLoginCallback+			000000		9031800	
031900+D	')			000000		9031900	
032000+D	i_pLoginProc * value procptr			000000		9032000	
032100+	*			000000		9032100	
032200+	* Returns *ON if a login procedures has been registered.			000000		9032200	
032300+D	POSX_ServiceSoap_Port_hasLoginCallback...			000000		9032300	
032400+D	PR N			000000		9032400	
032500+D	extproc('+			000000		9032500	
032600+D	POSX_ServiceSoap+			000000		9032600	
032700+D	_Port_hasLoginCallback+			000000		9032700	

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Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
032800+D					000000		9032800
032900+ *					000000		9032900
033000+ *	Login to proxy server or web service.				000000		9033000
033100+D	POSX_ServiceSoap_Port_login...				000000		9033100
033200+D	PR 10I 0				000000		9033200
033300+D		extproc('+			000000		9033300
033400+D		POSX_ServiceSoap+			000000		9033400
033500+D		_Port_login+			000000		9033500
033600+D		')			000000		9033600
033700+D	i_http_err 10I 0 value				000000		9033700
033800+D	i_numAttempts 10I 0 value				000000		9033800
033900+ *					000000		9033900
034000+ *	Returns the name of the web service port.				000000		9034000
034100+D	POSX_ServiceSoap_Port_getName...				000000		9034100
034200+D	PR 512A	varying			000000		9034200
034300+D		extproc('+			000000		9034300
034400+D		POSX_ServiceSoap+			000000		9034400
034500+D		_Port_getName+			000000		9034500
034600+D		')			000000		9034600
034700+ *					000000		9034700
034800+ *	Returns the UUID of the web service port.				000000		9034800
034900+D	POSX_ServiceSoap_Port_getUuid...				000000		9034900
035000+D	PR	like(wSDL_uuid_t )			000000		9035000
035100+D		extproc('+			000000		9035100
035200+D		POSX_ServiceSoap+			000000		9035200
035300+D		_Port_getUuid+			000000		9035300
035400+D		')			000000		9035400
035500+ *					000000		9035500
035600+ *	Adds an attachments to the list of attachments.				000000		9035600
035700+D	POSX_ServiceSoap_Attachments_put...				000000		9035700
035800+D	PR				000000		9035800
035900+D		extproc('+			000000		9035900
036000+D		POSX_ServiceSoap+			000000		9036000
036100+D		_Attachments_put+			000000		9036100
036200+D		')			000000		9036200
036300+D	i_attachmentID...				000000		9036300
036400+D		const like(wSDL_attachmentID_t )			000000		9036400
036500+D	i_fileName	const like(wSDL_path_t )			000000		9036500
036600+D	i_uuid	const like(wSDL_uuid_t )			000000		9036600
036700+D		options(*nopass)			000000		9036700
036800+ *					000000		9036800
036900+ *	Returns the file name of the attachment that is associated to				000000		9036900
037000+ *	a given content ID.				000000		9037000
037100+D	POSX_ServiceSoap_Attachments_get...				000000		9037100
037200+D	PR	like(wSDL_path_t )			000000		9037200
037300+D		extproc('+			000000		9037300
037400+D		POSX_ServiceSoap+			000000		9037400
037500+D		_Attachments_get+			000000		9037500
037600+D		')			000000		9037600
037700+D	i_attachmentID...				000000		9037700
037800+D		const like(wSDL_attachmentID_t )			000000		9037800
037900+D	i_uuid	const like(wSDL_uuid_t )			000000		9037900
038000+D		options(*nopass)			000000		9038000
038100+ *					000000		9038100
038200+ *	Returns the file name of the attachment that is associated to				000000		9038200
038300+ *	a given index.				000000		9038300

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Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
038400+D	POSX_ServiceSoap_Attachments_getAtPos...			000000		9038400	
038500+D	PR likeds(wSDL_attachment_t )			000000		9038500	
038600+D	extproc('+			000000		9038600	
038700+D	POSX_ServiceSoap+			000000		9038700	
038800+D	_Attachments_getAtPos+			000000		9038800	
038900+D	')			000000		9038900	
039000+D	i_index 10I 0 const			000000		9039000	
039100+D	i_uuid const like(wSDL_uuid_t )			000000		9039100	
039200+D	options(*nopass)			000000		9039200	
039300+ *				000000		9039300	
039400+ *	Returns the number of attachments that were downloaded with the			000000		9039400	
039500+ *	last call to the web service.			000000		9039500	
039600+D	POSX_ServiceSoap_Attachments_getNumE...			000000		9039600	
039700+D	PR 10I 0			000000		9039700	
039800+D	extproc('+			000000		9039800	
039900+D	POSX_ServiceSoap+			000000		9039900	
040000+D	_Attachments_getNumE+			000000		9040000	
040100+D	')			000000		9040100	
040200+D	i_uuid const like(wSDL_uuid_t )			000000		9040200	
040300+D	options(*nopass)			000000		9040300	
040400+ *				000000		9040400	
040500+ *	Removes all attachments from the list of attachments of this web service.			000000		9040500	
040600+D	POSX_ServiceSoap_Attachments_removeAll...			000000		9040600	
040700+D	PR			000000		9040700	
040800+D	extproc('+			000000		9040800	
040900+D	POSX_ServiceSoap+			000000		9040900	
041000+D	_Attachments_removeAll+			000000		9041000	
041100+D	')			000000		9041100	
041200+D	i_uuid const like(wSDL_uuid_t )			000000		9041200	
041300+D	options(*nopass)			000000		9041300	
041400+ *				000000		9041400	
041500+ *	Specifies the name of the folder where to put attachments in.			000000		9041500	
041600+D	POSX_ServiceSoap_Attachments_setFolder...			000000		9041600	
041700+D	PR			000000		9041700	
041800+D	extproc('+			000000		9041800	
041900+D	POSX_ServiceSoap+			000000		9041900	
042000+D	_Attachments_setFolder+			000000		9042000	
042100+D	')			000000		9042100	
042200+D	i_folder const like(wSDL_pathLong_t )			000000		9042200	
042300+ *				000000		9042300	
042400+ *	Returns the name of the folder where attachments are stored.			000000		9042400	
042500+D	POSX_ServiceSoap_Attachments_getFolder...			000000		9042500	
042600+D	PR like(wSDL_pathLong_t )			000000		9042600	
042700+D	extproc('+			000000		9042700	
042800+D	POSX_ServiceSoap+			000000		9042800	
042900+D	_Attachments_getFolder+			000000		9042900	
043000+D	')			000000		9043000	
043100+ *				000000		9043100	
043200+ *	Enables redirection of the HTTP response message to a			000000		9043200	
043300+ *	stream file in the IFS.			000000		9043300	
043400+D	POSX_ServiceSoap_RedirectResponse_toStmf...			000000		9043400	
043500+D	PR			000000		9043500	
043600+D	extproc('+			000000		9043600	
043700+D	POSX_ServiceSoap+			000000		9043700	
043800+D	_RedirectResponse_toStmf+			000000		9043800	
043900+D	')			000000		9043900	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
044000+D	i_stmf	const	like(wsdL_pathLong_t )	000000		9044000	
044100+D	i_replace	N	const options(*nopass: *omit)	000000		9044100	
044200+D	i_ccsid	10I 0	const options(*nopass: *omit)	000000		9044200	
044300+D	i_auth	10I 0	const options(*nopass: *omit)	000000		9044300	
044400+ *				000000		9044400	
044500+ *	Returns cTrue if response redirection is active, otherwise cFalse.			000000		9044500	
044600+D	PO SX_ServiceSoap_RedirectResponse_isActive...			000000		9044600	
044700+D	PR	N		000000		9044700	
044800+D			extproc('+	000000		9044800	
044900+D			PO SX_ServiceSoap+	000000		9044900	
045000+D			_RedirectResponse_isActive+	000000		9045000	
045100+D			')	000000		9045100	
045200+ *				000000		9045200	
045300+ *	Terminates a response redirection and closes the			000000		9045300	
045400+ *	file that received the response.			000000		9045400	
045500+D	PO SX_ServiceSoap_RedirectResponse_write...			000000		9045500	
045600+D	PR	N		000000		9045600	
045700+D			extproc('+	000000		9045700	
045800+D			PO SX_ServiceSoap+	000000		9045800	
045900+D			_RedirectResponse_write+	000000		9045900	
046000+D			')	000000		9046000	
046100+D	i_data	*	value	000000		9046100	
046200+D	i_length	10I 0	value	000000		9046200	
046300+ *				000000		9046300	
046400+ *	Terminates a response redirection and closes the			000000		9046400	
046500+ *	file that received the response.			000000		9046500	
046600+D	PO SX_ServiceSoap_RedirectResponse_terminate...			000000		9046600	
046700+D	PR			000000		9046700	
046800+D			extproc('+	000000		9046800	
046900+D			PO SX_ServiceSoap+	000000		9046900	
047000+D			_RedirectResponse_terminate+	000000		9047000	
047100+D			')	000000		9047100	
047200+ *				000000		9047200	
047300+ /ENDIF				000000		9047300	
047400+ /IF DEFINED(PROTOTYPE_WS0001)				000000		9047400	
047500+ /EOF				000000		9047500	
000091+ /UNDEFINE PROTOTYPE_WS0001				000000		4000091	
000092+ *				000000		4000092	
000093+ /ENDIF				000000		4000093	
000094+ /IF DEFINED(PROTOTYPE_WS000101)				000000		4000094	
000095+ /EOF				000000		4000095	
010300 /UNDEFINE PROTOTYPE_WS000101				140710		010300	
010400 **/DEFINE PROTOTYPE_WS000101				140710		010400	
010500 **/COPY ROBINK/PO SX_SRVSR,WS000101				CPY 140710		010500	
010600 **/UNDEFINE PROTOTYPE_WS000101				140710		010600	
010700 *				140710		010700	
010800 *	Prints a given message to QSYSPRT.			140710		010800	
010900 D printMsg...				140710		010900	
011000 D	PR		extproc('print')	140710		011000	
011100 D i_text		128A	value varying options(*nopass)	140710		011100	
011200 *				140710		011200	
011300 *	Sends a message to the command line.			140710		011300	
011400 D sndMsg...				140710		011400	
011500 D	PR		extproc('sndMsg')	140710		011500	
011600 D i_text		128A	value varying	140710		011600	
011700 *				140710		011700	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
011800	*-----			140710		011800	
011900	* Procedure Prototypes - BOTTOM			140710		011900	
012000				140710		012000	
012100	* Web service error message text			140710		012100	
012200	D errText S like(wsdl_errText_t ) inz			140710		012200	
012300				140710		012300	
012400	* These fields needs to be filled with reasonable values			140710		012400	
012500	* right before calling the web service.			140710		012500	
012600	D parameters DS likeds(tns_EnviaArchivo_t)			140710		012600	
012700	D inz			140710		012700	
012800	*			140710		012800	
012900	* Response message			140710		012900	
013000	* This structure contains the result values returned by			140710		013000	
013100	* the web service.			140710		013100	
013200	D EnviaArchivoResponse...			140710		013200	
013300	D DS likeds(tns_EnviaArchivoResponse_t)			140710		013300	
013400	D inz			140710		013400	
013500	*			140710		013500	
013600	* Text of messages sent to the command line			140710		013600	
013700	D text S 128A varying inz			140710		013700	
013800	*			140710		013800	
013900	* Date and time fields			140710		013900	
014000	* -----			140710		014000	
014100	D Timestamp S Z inz(Z'2003-06-27-09.25.59.123456')			140710		014100	
014200				140710		014200	
014300	D p_statds S *			140710		014300	
014400	D statds DS BASED(p_statds)			140710		014400	
014500	D st_mode 10U 0			140710		014500	
014600	D st_ino 10U 0			140710		014600	
014700	D st_nlink 5U 0			140710		014700	
014800	D st_pad 2A			140710		014800	
014900	D st_uid 10U 0			140710		014900	
015000	D st_gid 10U 0			140710		015000	
015100	D st_size 10I 0			140710		015100	
015200	D st_atime 10I 0			140710		015200	
015300	D st_mtime 10I 0			140710		015300	
015400	D st_ctime 10I 0			140710		015400	
015500	D st_dev 10U 0			140710		015500	
015600	D st_blksize 10U 0			140710		015600	
015700	D st_alloclsize 10U 0			140710		015700	
015800	D st_objtype 12A			140710		015800	
015900	D st_codepage 5U 0			140710		015900	
016000	D st_reserved1 62A			140710		016000	
016100	D st_ino_gen_id 10U 0			140710		016100	
016200				140710		016200	
016300	*-----			140710		016300	

000001=ISECFILR

74000001

```

*-----*
* RPG record format . . . . : SECFILR *
* External format . . . . . : SECFILR : APLUS2FTS/SECFILEL1 *
*-----*

```

74

74

74

74

74

000002=I

A 1 10 SCUSID

USER ID

74000002

000003=I

A 11 50 SCUSNM

USER NAME

74000003

000004=I

A 51 60 SCGRID

GROUP ID

74000004

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
000005=I	A 61 100 SCGRNM	GROUP NAME					74000005
000006=I	A 101 110 SCPRID	PROGRAM ID					74000006
000007=I	A 111 150 SCPRNM	PROGRAM NAME					74000007
000008=I	A 151 151 SCADD	ALLOW ADD					74000008
000009=I	A 152 152 SCDLT	ALLOW DELETE					74000009
000010=I	A 153 153 SCCHG	ALLOW CHANGE					74000010
000011=I	A 154 154 SCRUN	ALLOW RUN					74000011
000012=I	A 155 234 SCMSG	MESSAGE TO SEND					74000012
000001=IUSEMLR							75000001
*-----*							
	* RPG record format . . . . :	USEMLR					75
	* External format . . . . :	USEMLR : APLUS2/USEML					75
	* Format text . . . . . :	User Email Addresses Format					75
*-----*							
000002=I	A 1 10 UEUSER	User ID					75000002
000003=I	A 11 138 UEEMAD	Email Address					75000003
000004=I	A 139 139 UECPRS	Compress Flag Y/N					75000004
000005=I	A 140 140 UEPWYN	Password Flag Y/N					75000005
000006=I	A 141 150 UEPWRD	Password					75000006
016400 C	*ENTRY	PLIST			140710		016400
016500 C		PARM	@InvoiceA2		140710		016500
016600 C		PARM	@FolderName		140710		016600
016700 *	*-----q-----				140710		016700
016800 C	Exsr	\$GetIFS			140710		016800
016900					140710		016900
017000 c	eval	@invoiceN = %DEC(@InvoiceA2:8:0)			140710		017000
017100					140710		017100
017200	/free				140710		017200
017300					140710		017300
017400	// Register Login Callback Procedure				140710		017400
017500	POSX_ServiceSoap_Port_registerLoginCallback(				140710		017500
017600	%paddr('POSX_ServiceSoap_supplyLoginData'));				140710		017600
017700					140710		017700
017800	// Enable/disable http api debug log				140710		017800
017900	// (Enable the http api debug log in case of problems with the web service)				140710		017900
018000	POSX_ServiceSoap_Port_setHttpDebug(				140710		018000
018100	*ON: '/tmp/httpapi_debug_WS0001.txt'); // Default path of http api				140710		018100
018200					140710		018200
018300	// Specify a proxy server if your network requires it.				140710		018300
018400	// POSX_ServiceSoap_Port_setHttpProxy(				140710		018400
018500	// 'your.proxy.server': 8080);				140710		018500
018600					140710		018600
018700	// Set the parameter values of the request message				140710		018700
018800	// of the web service.				140710		018800
018900	// assign values here				140710		018900
019000	parameters.userName = %trim(@UserID);				140710		019000
019100	parameters.password = %trim(@PassW);				140710		019100
019200	parameters.dominio = %trim(@LABNet);				140710		019200
019300	parameters.tipoarchivo = %trim(@SOLCFD);				140710		019300
019400	parameters.origen = %trim(@TVHMEX);				140710		019400
019500	parameters.destino = %trim(@TVHMEX);				140710		019500
019600	parameters.ID = @invoiceN;				140710		019600
019700	parameters.esarchivo = 1;				140710		019700
019800	parameters.namearchivo = %trim(@invoicea2);				140710		019800



Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
019900	parameters.contenido = %trim(base64.value);			140710		019900	
020000	parameters.contenido = *blanks;			140710		020000	
020100				140710		020100	
020200	// Now let's call the web service.			140710		020200	
020300	EnviaArchivoResponse =			140710		020300	
020400	POSX_ServiceSoap_EnviaArchivo(			140710		020400	
020500	parameters:			140710		020500	
020600	errText);			140710		020600	
020700				140710		020700	
020800	// If the Web service finished successfully ...			140710		020800	
020900	if (not POSIX_ServiceSoap_Port_isError());	B01	B01	140710		020900	
021000	// ... get response data from response data structure			140710		021000	
021100				140710		021100	
021200	else;	X01	X01	140710		021200	
021300	// ... else show error messages ordered by priority:			140710		021300	
021400	// 1. HTTP error information			140710		021400	
021500	text = %char(	01		140710		021500	
021600	POSX_ServiceSoap_HttpError_getCode()	01		140710		021600	
021700	) + ': ' +	01		140710		021700	
021800	POSX_ServiceSoap_HttpError_getText()	01		140710		021800	
021900	;	01		140710		021900	
022000	sndMsg(text);	01		140710		022000	
022100	// 2. SOAP error information			140710		022100	
022200	if (POSX_ServiceSoap_SoapError_getCode()	B02	B02	140710		022200	
022300	<> '');	B02		140710		022300	
022400	text = POSIX_ServiceSoap_SoapError_getCode()	02		140710		022400	
022500	+ ': ' +	02		140710		022500	
022600	POSX_ServiceSoap_SoapError_getText()	02		140710		022600	
022700	;	02		140710		022700	
022800	sndMsg(text);	02		140710		022800	
022900	endif;	E02	E02	140710		022900	
023000	// 3. XML parser error information			140710		023000	
023100	if (POSX_ServiceSoap_XmlError_getCode()	B02	B02	140710		023100	
023200	<> 0);	B02		140710		023200	
023300	text = %char(POSX_ServiceSoap_XmlError_getCode())	02		140710		023300	
023400	+ ': ' +	02		140710		023400	
023500	POSX_ServiceSoap_XmlError_getText()	02		140710		023500	
023600	;	02		140710		023600	
023700	sndMsg(text);	02		140710		023700	
023800	endif;	E02	E02	140710		023800	
023900	endif;	E01	E01	140710		023900	
024000				140710		024000	
024100	if (%open(QSYSPRT));	B01	B01	140710		024100	
024200	close QSYSPRT;	01		140710		024200	
024300	endif;	E01	E01	140710		024300	
024400				140710		024400	
024500	*inlr = *on;			140710		024500	
024600	/end-free			140710		024600	
024700	*****			140710		024700	
024800	* Pull order from IFS.			140710		024800	
024900	C \$GetIFS Begsr			140710		024900	
025000				140710		025000	
025100	C Clear @Path			140710		025100	
025200	C			140710		025200	
025300	c eval ifpath = ''/Test Mexico Invoices/'			140710		025300	
025400	c eval ifsfile = %trimr(ifpath) +			140710		025400	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
025500 C	%trimr(@FolderName) + ''''				140710		025500
025600					140710		025600
025700	* Get IFS file name (might be longer than 32 characters and				140710		025700
025800	* Quoted. Quoted is need or it will stop at blanks.				140710		025800
025900 C	IF (%SUBST(IFSFILE:1:1) = QUOTE)		B01		140710		025900
026000 C	EVAL ISQUOTED = *ON		01		140710		026000
026100 C	EVAL I = 2		01		140710		026100
026200 C	ELSE		X01		140710		026200
026300 C	EVAL ISQUOTED = *OFF		01		140710		026300
026400 C	EVAL I = 1		01		140710		026400
026500 C	ENDIF		E01		140710		026500
026600					140710		026600
026700 C	DOW (I < %LEN(IFSFILE))		B01		140710		026700
026800 C	EVAL CHAR = %SUBST(IFSFILE: I: 1)		01		140710		026800
026900 C	IF (CHAR = QUOTE AND ISQUOTED) OR		B02		140710		026900
027000 C	(CHAR = SPACE AND NOT ISQUOTED)		B02		140710		027000
027100 C	EVAL I = I - 1		02		140710		027100
027200 C	LEAVE		02		140710		027200
027300 C	ENDIF		E02		140710		027300
027400 C	EVAL I = I + 1		01		140710		027400
027500 C	ENDDO		E01		140710		027500
027600					140710		027600
027700 C	IF (ISQUOTED)		B01		140710		027700
027800 C	EVAL IFS = %SUBST(IFSFILE: 2: I-1)		01		140710		027800
027900 C	ELSE		X01		140710		027900
028000 C	EVAL IFS = %SUBST(IFSFILE: 1: I)		01		140710		028000
028100 C	ENDIF		E01		140710		028100
028200					140710		028200
028300	* Was a file found?				140710		028300
028400 C	EVAL P_STATDS = %ADDR(STATBUF)				140710		028400
028500 C	IF STAT(IFS: P_STATDS) = -1		B01		140710		028500
028600 c	eval emlMsg = 'File not found for ' +		01		140710		028600
028700 c	@INVOICEA2		01		140710		028700
028800 c	Exsr \$SendEML		01		140710		028800
028900 C	ENDIF		E01		140710		028900
029000					140710		029000
029100	* Check File Size				140710		029100
029200 C	IF (4*((ST_SIZE+2)/3) >%Len(Base64.value))		B01		140710		029200
029300 c	eval emlMsg = @INVOICEA2 +		01		140710		029300
029400 c	'file to LARGE for base64.value'		01		140710		029400
029500 c	Exsr \$SendEML		01		140710		029500
029600 C	RETURN		01		140710		029600
029700 C	ENDIF		E01		140710		029700
029800					140710		029800
029900	* OPEN THE IFS FILE FOR READ IN BINARY MODE,				140710		029900
030000	* IN ORDER TO KEEP THE ENCODING OF THE IFS FILE.				140710		030000
030100 C	EVAL FD = OPEN(IFS: O_RDONLY)				140710		030100
030200 C	IF (FD = -1)		B01		140710		030200
030300 c	eval emlMsg = 'Failed to IFS open file +		01		140710		030300
030400 c	for invoice ' + @INVOICEA2		01		140710		030400
030500 c	Exsr \$SendEML		01		140710		030500
030600 C	RETURN		01		140710		030600
030700 C	ENDIF		E01		140710		030700
030800					140710		030800
030900	* READ FILE DATA INTO MEMORY BUFFER.				140710		030900
031000 C	EVAL SIZE = READ( FD				140710		031000

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...10	10	Num	Line	Date	Id	Number
031100 C	: %ADDR(FILEBUFFER)				140710		031100
031200 C	: %SIZE(FILEBUFFER))				140710		031200
031300					140710		031300
031400 *	CLOSE THE IFS FILE.				140710		031400
031500 C	IF (FD <> -1)		B01		140710		031500
031600 C	CALLP CLOSE(FD)		01		140710		031600
031700 C	ENDIF		E01		140710		031700
031800					140710		031800
031900 *	ENCODE CONTENT OF MEMORY BUFFER TO BASE64.				140710		031900
032000 C	EVAL BASE64.LENGTH =				140710		032000
032100 C	BASE64_ENCODE(%ADDR(FILEBUFFER)				140710		032100
032200 C	:SIZE				140710		032200
032300 C	:%ADDR(BASE64.VALUE)				140710		032300
032400 C	:%LEN(BASE64.VALUE))				140710		032400
032500					140710		032500
032600 *	FROM THE DEBUGGER YOU CAN VIEW THE ENCODED WITH: EV				140710		032600
032700 *	BASE64.STRING				140710		032700
032800 C	EVAL MSG = 'SIZE OF ENCODED DATA: ' +				140710		032800
032900 C	%CHAR(BASE64.LENGTH)				140710		032900
033000 C	MSG DSPLY				140710		033000
033100 c	Endsr				140710		033100
033200	*****				140710		033200
033300 *	return webservice results				140710		033300
033400	*****				140710		033400
033500 C	\$ErrorChk Begsr				140710		033500
033600					140710		033600
033700 C	Clear emlmsg				140710		033700
033800 C					140710		033800
033900					140710		033900
034000 *	The below was predefined on from IntraNet.				140710		034000
034100 c	Select		B01		140710		034100
034200 c	When %subst(OutputText:1:1) = '0'		X01		140710		034200
034300 c	Eval emlmsg= 'Invoice ' + @INVOICEA2 +		01		140710		034300
034400 c	' was successfully transmitted'		01		140710		034400
034500					140710		034500
034600 *	Invalid user id or password				140710		034600
034700 c	When %subst(OutputText:1:1) = '2' and		X01		140710		034700
034800 c	%subst(OutputText:2:1) = '1'		X01		140710		034800
034900 c	Eval emlmsg = 'Usuario Invalido, +		01		140710		034900
035000 c	verifique usuario y contrasena' +		01		140710		035000
035100 c	' for invoice ' + @INVOICEA2		01		140710		035100
035200					140710		035200
035300 *	User not in system				140710		035300
035400 c	When %subst(OutputText:1:1) = '2' and		X01		140710		035400
035500 c	%subst(OutputText:2:1) = '2'		X01		140710		035500
035600 c	Eval emlmsg = 'Usuario no esta dado de +		01		140710		035600
035700 c	alta en el sistema, favor de +		01		140710		035700
035800 c	verificar'		01		140710		035800
035900 *	User not assigned to company				140710		035900
036000 c	When %subst(OutputText:1:1) = '2' and		X01		140710		036000
036100 c	%subst(OutputText:2:1) = '3'		X01		140710		036100
036200 c	Eval emlmsg= 'Usuario no esta asignado +		01		140710		036200
036300 c	a ninguna compania for invoice ' +		01		140710		036300
036400 c	@INVOICEA2		01		140710		036400
036500 *	Inactive User. Please onfirm with your adminstration				140710		036500
036600 c	When %subst(OutputText:1:1) = '2' and		X01		140710		036600

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
036700	c	%subst(OutputText:2:1) = '4'	X01		140710		036700
036800	c	Eval emlMSG = 'Usuario Inactivo, favor +	01		140710		036800
036900	c	de validar con su administrador ' +	01		140710		036900
037000	c	'for invoice ' + @INVOICEA2	01		140710		037000
037100	*	Group does not have permission to access this application			140710		037100
037200	c	When %subst(OutputText:1:1) = '2' and	X01		140710		037200
037300	c	%subst(OutputText:2:1) = '5'	X01		140710		037300
037400	c	Eval emlmsg= 'Grupo no tiene permiso +	01		140710		037400
037500	c	para accesar esta aplicacion'	01		140710		037500
037600	*	Temporarily out of service			140710		037600
037700	c	When %subst(OutputText:1:1) = '2' and	X01		140710		037700
037800	c	%subst(OutputText:2:1) = '6'	X01		140710		037800
037900	c	Eval emlMSG = 'Temporalmente fuera de +	01		140710		037900
038000	c	servicio. Disculpe la molestia' +	01		140710		038000
038100	c	' for invoice ' + @INVOICEA2	01		140710		038100
038200	*	Other Errors that are not defined			140710		038200
038300	c	Other	X01		140710		038300
038400	c	eval emlMsg = 'Errors exist for Invoice ' +	01		140710		038400
038500	c	@INVOICEA2	01		140710		038500
038600	c	Endsl	E01		140710		038600
038700					140710		038700
038800	c	Exsr \$SendEML			140710		038800
038900					140710		038900
039000	c	Endsr			140710		039000
039100		*****			140710		039100
039200	*	Send EMail			140710		039200
039300		*****			140710		039300
039400	C	\$SendEML Begsr			140710		039400
039500					140710		039500
039600	*	Loop through all the Persons to be Notified for this Program.			140710		039600
039700	C	eval scprid = %trim('SMOE0258 ')			140710		039700
039800	C	scprid setll secfilr			140710		039800
039900	C	scprid reade secfilr			140710		039900
040000	C	dow not %eof	B01		140710		040000
040100					140710		040100
040200	*	Get the Email for each Person and concatenate together with others			140710		040200
040300	C	if scrun <> 'N'	B02		140710		040300
040400	C	eval ueuser = scusid	02		140710		040400
040500	C	chain usemlr	02		140710		040500
040600	C	if %found	B03		140710		040600
040700	C	eval emladr = %trim(emladrs) + %trim(ueemad)	03		140710		040700
040800	C	+ ';' ;	03		140710		040800
040900	C	endif	E03		140710		040900
041000	C	endif	E02		140710		041000
041100					140710		041100
041200	C	scprid reade secfilr	01		140710		041200
041300	C	enddo	E01		140710		041300
041400					140710		041400
041500	*	Send Email either way. Errors or no errors. ings			140710		041500
041600	C	eval emlsub =			140710		041600
041700	C	'Invoice ' + @INVOICEA2 +			140710		041700
041800	C	' web service message'			140710		041800
041900					140710		041900
042000					140710		042000
042100	*	Form the SEQUEL EXECUTE command to be run and execute it.			140710		042100
042200	C	eval qcmd = 'SEND/SENDMAIL RECIPIENT(' +			140710		042200

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
042300	C	'''' + %trim(empladr) + '''' +		140710		042300	
042400	C	) SUBJECT(' + '''' +		140710		042400	
042500	C	%trim(emplsub) + '''' + ) MSG(' +		140710		042500	
042600	C	'''' + %trim(emplmsg) + '''' + )'		140710		042600	
042700	C	call		140710		042700	
042800	C	parm	qcmd	140710		042800	
042900	C	parm	qcmdlen	140710		042900	
043000				140710		043000	
043100	C	Endsr		140710		043100	
043200	*-----			140710		043200	
043300				140710		043300	
043400	*-----			140710		043400	
043500	* Procedure to supply login data if			140710		043500	
043600	* web server requires user authentication.			140710		043600	
043700	*-----			140710		043700	
043800	* Returns WSDL_SUCCESS if successful, WSDL_ERROR upon error			140710		043800	
043900	*-----			140710		043900	
044000				140710		044000	
044100	P	POSX_ServiceSoap_supplyLoginData...		140710		044100	
044200	P	B		140710		044200	
044300				140710		044300	
044400	D	POSX_ServiceSoap_supplyLoginData...		140710		044400	
044500	D	PI 10I 0		140710		044500	
044600	D	i_authType 14A const varying		140710		044600	
044700	D	i_realm 126A const varying		140710		044700	
044800	D	i_numAttempts 10I 0 const		140710		044800	
044900	D	o_user 50A varying		140710		044900	
045000	D	o_password 50A varying		140710		045000	
045100				140710		045100	
045200	*	Return value		140710		045200	
045300	D	rc S 10I 0		140710		045300	
045400				140710		045400	
045500	*	Type definitions		140710		045500	
045600	/COPY QWSDL2RPG,TYPES_H			140710		045600	
	*-----						
	* RPG member name . . . . . :	TYPES_H				76	
	* External name . . . . . :	WSDL2RPG/QWSDL2RPG(TYPES_H)				76	
	* Last change . . . . . :	09/18/13 08:21:14				76	
	* Text 'description' . . . . . :	Type definitions (public)				76	
	*-----						
000100+	/IF NOT DEFINED(WSDL2RPG_WS_STUB_COMMON_TYPES)			591118		76000100	
	LINE EXCLUDED: 244						
024600+	/ENDIF			571106		76024600	
045700				140710		045700	
045800	/free			140710		045800	
045900	if (i_authType = WSDL_AUTH_TYPE_PROXY);		B01	140710		045900	
046000	o_user = @UserID;		01	140710		046000	
046100	o_password = @PassW;		01	140710		046100	
046200	return WSDL_SUCCESS;		01	140710		046200	
046300	endif;		E01	140710		046300	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10		Num	Line	Date	Id	Number
046400	if (i_authType = WSDL_AUTH_TYPE_HTTP);		B01		140710		046400
046500	o_user = @UserID;		01		140710		046500
046600	o_password = @PassW;		01		140710		046600
046700	return WSDL_SUCCESS;		01		140710		046700
046800	endif;		E01		140710		046800
046900	return WSDL_ERROR;				140710		046900
047000	/end-free				140710		047000
047100					140710		047100
047200	P POSX_ServiceSoap_supplyLoginData...				140710		047200
047300	P E				140710		047300
047400	* =====				140710		047400
047500	* *** private ***				140710		047500
047600	* Sends a message to the command line.				140710		047600
047700	* =====				140710		047700
047800	P sndMsg...				140710		047800
047900	P B				140710		047900
048000	*				140710		048000
048100	D sndMsg...				140710		048100
048200	D PI				140710		048200
048300	D i_text 128A value varying				140710		048300
048400	*				140710		048400
048500	* Local fields				140710		048500
048600	D msgKey S 4A inz				140710		048600
048700	*				140710		048700
048800	* Qualified message file name				140710		048800
048900	D qMsgF DS qualified inz				140710		048900
049000	D name 10A				140710		049000
049100	D lib 10A				140710		049100
049200	*				140710		049200
049300	* API error code				140710		049300
049400	D errCode DS qualified inz				140710		049400
049500	D bytPrv 10I 0				140710		049500
049600	D bytAvl 10I 0				140710		049600
049700	D excID 7A				140710		049700
049800	D reserved 1A				140710		049800
049900	D excDta 256A				140710		049900
050000	*				140710		050000
050100	* Send Program Message (QMHSNDPM) API				140710		050100
050200	D QMHSNDPM PR extpgm('QMHSNDPM')				140710		050200
050300	D i_msgID 7A const				140710		050300
050400	D i_qMsgF 20A const				140710		050400
050500	D i_msgData 32767A const options(*varsize )				140710		050500
050600	D i_length 10I 0 const				140710		050600
050700	D i_msgType 10A const				140710		050700
050800	D i_callStkE 32767A const options(*varsize )				140710		050800
050900	D i_callStkC 10I 0 const				140710		050900
051000	D o_msgKey 4A				140710		051000
051100	D io_ErrCode 32767A options(*varsize )				140710		051100
051200	* - - - - -				140710		051200
051300	/free				140710		051300
051400	clear qMsgF;				140710		051400
051500	qMsgF.name = 'QCPFMSG';				140710		051500

Line	<----- Source Specifications ----->	Comments	Do	Page	Change	Src	Seq
Number	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10	Num	Line	Date	Id	Number	
051600	qMsgF.lib = '*LIBL';			140710		051600	
051700	clear errCode;			140710		051700	
051800	errCode.bytPrv = %size(errCode);			140710		051800	
051900	QMHSNDPM('CPF9897': qMsgF: i_text: %len(i_text): '*INFO'			140710		051900	
052000	: '*CTLBDY': 1: msgKey: errCode);			140710		052000	
052100	return;			140710		052100	
052200	/end-free			140710		052200	
052300	*			140710		052300	
052400	P sndMsg...			140710		052400	
052500	P E			140710		052500	
052600	*			140710		052600	

\* \* \* \* \* E N D O F S O U R C E \* \* \* \* \*

## Additional Diagnostic Messages

Msg id Sv Statement Message text  
 \*RNF7551 10 029200 Result of numeric operation is truncated to 52 decimal  
 places.  
 \*RNF5409 00 031600 The prototyped call returns a value which is lost when  
 CALLP is used.

\* \* \* \* \* E N D O F A D D I T I O N A L D I A G N O S T I C M E S S A G E S \* \* \* \* \*

## / Copy Members

Line Src RPG name <----- External name -----> CCSID <- Last change ->

Number	Id	Library	File	Member	Date	Time
008100	1	HTTAPI_H	LIBHTTP_B	QRPGLESRC	HTTAPI_H	37 07/09/14 16:50:44
1003700	2	CONFIG_H	LIBHTTP_B	QRPGLESRC	CONFIG_H	37 07/09/14 16:50:44
008400	3	BASE64_H	BASE64	QRPGLESRC	BASE64_H	37 12/23/13 17:04:01
010200	4	WS000101	ROBINK	QWEBSRV	WS000101	37 07/10/14 09:45:09
4000087	5	TYPES_H	WSDL2RPG	QWSDL2RPG	TYPES_H	37 09/18/13 08:21:14
5001500	6	USR0030	WSDL2RPG	QWSDL2RPG	USR0030	37 09/18/13 08:21:15
5001600	7	USR0042	WSDL2RPG	QWSDL2RPG	USR0042	37 09/18/13 08:21:15
5001700	8	USR0048	WSDL2RPG	QWSDL2RPG	USR0048	37 09/18/13 08:21:15
4000090	9	WS0001	ROBINK	QWEBSRV	WS0001	37 07/10/14 12:04:49
9005300	10	TYPES_H	WSDL2RPG	QWSDL2RPG	TYPES_H	37 09/18/13 08:21:14
9005400	11	PWSDL2R88	WSDL2RPG	QWSDL2RPG	PWSDL2R88	37 09/18/13 08:21:13
11000400	12	TYPES_H	WSDL2RPG	QWSDL2RPG	TYPES_H	37 09/18/13 08:21:14
11000500	13	PLOG4RPG	WSDL2RPG	QLOG4RPG	PLOG4RPG	37 07/10/14 10:43:30
13000800	14	FDMSG	WSDL2RPG	QLOG4RPG	FDMSG	37 07/10/14 10:43:29
9005500	15	PWSDL2R90	WSDL2RPG	QWSDL2RPG	PWSDL2R90	37 09/18/13 08:21:13
15000400	16	TYPES	WSDL2RPG	QWSDL2RPG	TYPES	37 09/18/13 08:21:14
16000800	17	PBASICS1	WSDL2RPG	QBASICS1	PBASICS1	37 07/10/14 10:43:13
17002400	18	PBASICS1R1	WSDL2RPG	QBASICS1	PBASICS1R1	37 07/10/14 10:43:13
18000500	19	FDMSG	WSDL2RPG	QBASICS1	FDMSG	37 07/10/14 10:43:12
18000600	20	FDRCVM0200	WSDL2RPG	QBASICS1	FDRCVM0200	37 07/10/14 10:43:12
18000700	21	FDRCVM0300	WSDL2RPG	QBASICS1	FDRCVM0300	37 07/10/14 10:43:12
18000800	22	FDRTVM0100	WSDL2RPG	QBASICS1	FDRTVM0100	37 07/10/14 10:43:12
18000900	23	FDRTVM0300	WSDL2RPG	QBASICS1	FDRTVM0300	37 07/10/14 10:43:12
18001000	24	FDRTVM0400	WSDL2RPG	QBASICS1	FDRTVM0400	37 07/10/14 10:43:12
18022700	25	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37 07/10/14 10:43:13
25000500	26	FDERRCODE	WSDL2RPG	QBASICS1	FDERRCODE	37 07/10/14 10:43:12
25007200	27	PBASICS1R1	WSDL2RPG	QBASICS1	PBASICS1R1	37 07/10/14 10:43:13
18022800	28	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37 07/10/14 10:43:13
28003900	29	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37 07/10/14 10:43:13
28004000	30	PBASICS1R5	WSDL2RPG	QBASICS1	PBASICS1R5	37 07/10/14 10:43:13
30000500	31	FDQOBJ	WSDL2RPG	QBASICS1	FDQOBJ	37 07/10/14 10:43:12
30000600	32	FDOBJD0100	WSDL2RPG	QBASICS1	FDOBJD0100	37 07/10/14 10:43:12
30000700	33	FDMBRD0100	WSDL2RPG	QBASICS1	FDMBRD0100	37 07/10/14 10:43:12
30000800	34	FDMBRD0200	WSDL2RPG	QBASICS1	FDMBRD0200	37 07/10/14 10:43:12
30022300	35	MILIB	WSDL2RPG	QBASICS1	MILIB	37 07/10/14 10:43:13
30022400	36	PBASICS1R1	WSDL2RPG	QBASICS1	PBASICS1R1	37 07/10/14 10:43:13
30022500	37	PBASICS1R7	WSDL2RPG	QBASICS1	PBASICS1R7	37 07/10/14 10:43:13
37013200	38	PBASICS1R3	WSDL2RPG	QBASICS1	PBASICS1R3	37 07/10/14 10:43:13
38036500	39	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37 07/10/14 10:43:13
38036600	40	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37 07/10/14 10:43:13
38036700	41	PBASICS1R7	WSDL2RPG	QBASICS1	PBASICS1R7	37 07/10/14 10:43:13
37013300	42	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37 07/10/14 10:43:13



18022900	43	PBASICS1R5	WSDL2RPG	QBASICS1	PBASICS1R5	37	07/10/14	10:43:13
17002500	44	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37	07/10/14	10:43:13
17002600	45	PBASICS1R3	WSDL2RPG	QBASICS1	PBASICS1R3	37	07/10/14	10:43:13
17002700	46	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37	07/10/14	10:43:13
17002800	47	PBASICS1R5	WSDL2RPG	QBASICS1	PBASICS1R5	37	07/10/14	10:43:13
17002900	48	PBASICS1R6	WSDL2RPG	QBASICS1	PBASICS1R6	37	07/10/14	10:43:13
48000500	49	FDENVVAR	WSDL2RPG	QBASICS1	FDENVVAR	37	07/10/14	10:43:12
48010100	50	PBASICS1R1	WSDL2RPG	QBASICS1	PBASICS1R1	37	07/10/14	10:43:13
48010200	51	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37	07/10/14	10:43:13
17003000	52	PBASICS1R7	WSDL2RPG	QBASICS1	PBASICS1R7	37	07/10/14	10:43:13
17003100	53	PBASICS1R8	WSDL2RPG	QBASICS1	PBASICS1R8	37	07/10/14	10:43:13
53014100	54	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37	07/10/14	10:43:13
17003200	55	PBASICS1R9	WSDL2RPG	QBASICS1	PBASICS1R9	37	07/10/14	10:43:13
55006600	56	PBASICS1R2	WSDL2RPG	QBASICS1	PBASICS1R2	37	07/10/14	10:43:13
17003300	57	PBASICS1RA	WSDL2RPG	QBASICS1	PBASICS1RA	37	07/10/14	10:43:13
57031900	58	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37	07/10/14	10:43:13
57032000	59	PBASICS1R8	WSDL2RPG	QBASICS1	PBASICS1R8	37	07/10/14	10:43:13
17003400	60	PBASICS1RB	WSDL2RPG	QBASICS1	PBASICS1RB	37	07/10/14	10:43:13
60011300	61	PBASICS1RA	WSDL2RPG	QBASICS1	PBASICS1RA	37	07/10/14	10:43:13
60011400	62	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37	07/10/14	10:43:13
17003500	63	PBASICS1RC	WSDL2RPG	QBASICS1	PBASICS1RC	37	07/10/14	10:43:13
63026300	64	PBASICS1RA	WSDL2RPG	QBASICS1	PBASICS1RA	37	07/10/14	10:43:13
63026400	65	PBASICS1R4	WSDL2RPG	QBASICS1	PBASICS1R4	37	07/10/14	10:43:13
17003600	66	PBASICS1RD	WSDL2RPG	QBASICS1	PBASICS1RD	37	07/10/14	10:43:13
66000400	67	FDURL	WSDL2RPG	QBASICS1	FDURL	37	07/10/14	10:43:12
17003700	68	PBASICS1RE	WSDL2RPG	QBASICS1	PBASICS1RE	37	07/10/14	10:43:13
17003800	69	PBASICS1RF	WSDL2RPG	QBASICS1	PBASICS1RF	37	07/10/14	10:43:13
17003900	70	PBASICS1RG	WSDL2RPG	QBASICS1	PBASICS1RG	37	07/10/14	10:43:13
17004000	71	PBASICS1RH	WSDL2RPG	QBASICS1	PBASICS1RH	37	07/10/14	10:43:13
71000400	72	CLIB	WSDL2RPG	QBASICS1	CLIB	37	07/10/14	10:43:12
16000900	73	TYPES_H	WSDL2RPG	QWSDL2RPG	TYPES_H	37	09/18/13	08:21:14
045600	76	TYPES_H	WSDL2RPG	QWSDL2RPG	TYPES_H	37	09/18/13	08:21:14

\* \* \* \* \* E N D O F / C O P Y M E M B E R S \* \* \* \* \*

Key Field Information

File Record	Internal field name	External field name	Attributes
1 SECFILEL1 SECFILR			
	SCPRID		CHAR 10
	SCUSID		CHAR 10
2 USEML USEMLR			
	UEUSER		CHAR 10

\* \* \* \* \* E N D O F K E Y F I E L D I N F O R M A T I O N \* \* \* \* \*

## C r o s s   R e f e r e n c e

## File and Record References:

File Record	Device	References (D=Defined)
*RNF7031 QSYSPRT	PRINTER	002100D 024100 024200
SECFILEL1	DISK	001900D
SECFILR		001900D 74000001 039800 039900
		041200
USEML	DISK	002000D
USEMLR		002000D 75000001 040500

## Global Field References:

Field	Attributes	References (D=Defined M=Modified)
_QRNL_PSTR_@FOLDERNAME...		
_QRNL_PRMCPLY_@FOLDERNAME...		
_QRNL_PSTR_@INVOICEA2...		
_QRNL_PRMCPLY_@INVOICEA2...		
*RNF7031 \$ERRORCHK	BEGSR	033500D
\$GETIFS	BEGSR	016800 024900D
\$SENDEML	BEGSR	028800 029500 030500 038800
		039400D
*ENTRY	PLIST	016400D
*INLR	N(1)	024500M
*RNF7031 *IN70	N(1)	002100D
*RNF7031 @ERRCDE	A(2)	006600D
@FOLDERNAME	A(38)	003500D 016600M 025500
	BASED(_QRNL_PRM+)	
*RNF7031 @INVOICE#	I(10,0)	003400D
@INVOICEA2	A(8)	003200D 016500M 017000 019800
	BASED(_QRNL_PRM+)	
		028700 029300 030400 034300
		035100 036400 037000 038100
		038500 041700
@INVOICEN	S(8,0)	003700D 017000M 019600
@LABNET	A(50)	003000D 019200
@PASSW	A(20)	002800D 019100 046100 046600
@PATH	A(70)	003600D 025100M
@SOLCFD	A(6)	003100D 019300
@TVHMEX	A(6)	003300D 019400 019500
@USERID	A(20)	002900D 019000 046000 046500
*RNF7031 ACTINF_T	DS(48)	35013700D
	BASED(PDUMMY)	
*RNF7031 ACTGRPMARK	I(10,0)	35014100D
*RNF7031 ACTMARK	I(10,0)	35014200D
*RNF7031 BYTAVL	I(10,0)	35013900D
*RNF7031 BYTRET	I(10,0)	35013800D
*RNF7031 FLAGS	A(1)	35014400D
*RNF7031 RESERVED_1	A(8)	35014000D
*RNF7031 RESERVED_2	A(7)	35014300D
*RNF7031 RESERVED_3	A(16)	35014500D
*RNF7031 ACTPROC_T	DS(298)	30002100D 30020100
	BASED(PDUMMY)	
*RNF7031 ACTMARK	I(10,0)	30002300D
*RNF7031 LIB	A(10)	30002600D
*RNF7031 NAME	A(256)	30002400D
	VARYING	

*RNF7031	PROCPTR	*(16) PROCPTR	30002200D		
*RNF7031	SRVPGM	A(10)	30002500D		
*RNF7031	ACTSRVPGM_T	DS(40)	30001500D	30019000	30020600
		BASED(PDUMMY)			
*RNF7031	ACTMARK	I(10,0)	30001700D		
*RNF7031	LIB	A(10)	30001900D		
*RNF7031	NAME	A(10)	30001800D		
*RNF7031	PROCPTR	*(16) PROCPTR	30001600D		
*RNF7031	ANDSTR	PROTOTYPE	35023300D		
*RNF7031	APPENDER_NEW	*(16)	13069700D		
		PROTOTYPE			
*RNF7031	APPENDER_NULL	*(16)	13071600D		
		PROTOTYPE			
*RNF7031	APPENDER_SETFILTER...				
		N(1)	13074800D		
		PROTOTYPE			
*RNF7031	APPENDER_SETLAYOUT...				
		N(1)	13073100D		
		PROTOTYPE			
*RNF7031	APPMSG_ISNULL	N(1)	15010800D		
		PROTOTYPE			
*RNF7031	APPMSG_NEW	DS(549)	15004400D		
		PROTOTYPE			
*RNF7031	APPMSG_NEWERROR	DS(549)	15005600D		
		PROTOTYPE			
*RNF7031	APPMSG_NULL	DS(549)	15010100D		
		PROTOTYPE			
*RNF7031	APPMSG_RETRIEVEHELPTTEXT...				
		A(3000)	15009200D		
		VARYING			
		PROTOTYPE			
*RNF7031	APPMSG_RETRIEVEMSGTEXT...				
		A(132)	15008200D		
		VARYING			
		PROTOTYPE			
*RNF7031	APPMSG_SENDCANCELMSG...				
		PROTOTYPE	15006500D		
*RNF7031	APPMSG_SENDDIAGMSG...				
		PROTOTYPE	15001600D		
*RNF7031	APPMSG_SENDESCMSG	PROTOTYPE	15002600D		
*RNF7031	APPMSG_SENDESCMSGANDDUMP...				
		PROTOTYPE	15003600D		
*RNF7031	APPMSG_SENDSTATUSMSG...				
		PROTOTYPE	15000800D		
*RNF7031	APPMSG_SENTOCMDLINE...				
		PROTOTYPE	15007300D		
*RNF7031	ATOI	I(10,0)	72007100D		
		PROTOTYPE			
	AUTH_ALL	CONST	35002100D		
	AUTH_ALTER	CONST	35001900D		
	AUTH_DELETE	CONST	35001300D		
	AUTH_EXCLUDED	CONST	35001600D		
	AUTH_EXECUTE	CONST	35001800D		
	AUTH_INSERT	CONST	35001200D		
	AUTH_LST_MGMT	CONST	35001700D		
	AUTH_NONE	CONST	35002200D		
	AUTH_OBJ_CTRL	CONST	35000700D		
	AUTH_OBJ_MGMT	CONST	35000800D		

	AUTH_OWNER	CONST	35001500D			
	AUTH_POINTER	CONST	35000900D			
	AUTH_REF	CONST	35002000D			
	AUTH_RETRIEVE	CONST	35001100D			
	AUTH_SPACE	CONST	35001000D			
	AUTH_UPDATE	CONST	35001400D			
	BASE64	DS(58502)	006000D	019900	029200	032000M
			032300	032400	032900	
	LENGTH	I(5,0)	006100D	032000	032900	
*RNF7031	STRING	A(58500)	006300D			
		VARYING				
	VALUE	A(58498)	006200D	019900	029200	032300
			032400			
*RNF7031	BASE64_DECODE	U(10,0)	3000163D			
		PROTOTYPE				
	BASE64_ENCODE	U(10,0)	3000144D	032100		
		PROTOTYPE				
*RNF7031	BASE64_INALPHABET	N(1)	3000179D			
		PROTOTYPE				
*RNF7031	BASICKEYSET_DELETE...					
		I(10,0)	63025400D			
		PROTOTYPE				
*RNF7031	BASICKEYSET_GETFIRST...					
		A(4096)	63023800D			
		VARYING				
		PROTOTYPE				
*RNF7031	BASICKEYSET_GETNEXT...					
		A(4096)	63024600D			
		VARYING				
		PROTOTYPE				
*RNF7031	BASICKEYSET_HANDLE_T...					
		*(16)	63001100D	63023000	63024200	63025000
		BASED(PDUMMY)	63025800	70021100		
*RNF7031	BASICLIST_ADD	I(10,0)	57012000D			
		PROTOTYPE				
*RNF7031	BASICLIST_ADDNULL	I(10,0)	57013200D			
		PROTOTYPE				
*RNF7031	BASICLIST_ADDPOINTER...					
		I(10,0)	57014900D			
		PROTOTYPE				
*RNF7031	BASICLIST_ADDSTRING...					
		I(10,0)	57014000D			
		PROTOTYPE				
*RNF7031	BASICLIST_CLEAR	I(10,0)	57027000D			
		PROTOTYPE				
*RNF7031	BASICLIST_CLONE	*(16)	57003800D			
		PROTOTYPE				
*RNF7031	BASICLIST_DELETE	I(10,0)	57028600D			
		PROTOTYPE				
*RNF7031	BASICLIST_FIND	I(10,0)	57015800D			
		PROTOTYPE				
*RNF7031	BASICLIST_FINDSTRING...					
		I(10,0)	57016800D			
		PROTOTYPE				
*RNF7031	BASICLIST_GET	*(16)	57004600D			
		PROTOTYPE				
*RNF7031	BASICLIST_GETHEAPID...					
		I(10,0)	57024500D			

	PROTOTYPE				
*RNF7031	BASICLIST_GETLISTTYPE...				
	A(32)	57007500D			
	PROTOTYPE				
*RNF7031	BASICLIST_GETNUME I(10,0)	57023700D			
	PROTOTYPE				
*RNF7031	BASICLIST_GETPOINTER...				
	*(16)	57006600D			
	PROTOTYPE				
*RNF7031	BASICLIST_GETSIZE I(10,0)	57011100D			
	PROTOTYPE				
*RNF7031	BASICLIST_GETSTRING...				
	A(4096)	57005700D			
	VARYING				
	PROTOTYPE				
*RNF7031	BASICLIST_GETTOTALSIZE...				
	I(20,0)	57027800D			
	PROTOTYPE				
*RNF7031	BASICLIST_GETTYPE A(32)	57010200D			
	PROTOTYPE				
*RNF7031	BASICLIST_HANDLE_T...				
	*(16)	57000500D	57002700	57003800	57004200
	BASED(PDUMMY)	57005000	57006100	57007000	57007900
		57008700	57009600	57010600	57011500
		57012400	57013600	57014400	57015300
		57016200	57017200	57018100	57019400
		57020300	57021300	57022300	57023200
		57024100	57024900	57025700	57026600
		57027400	57028200	57029000	57029400
		57030500	57031300	60000500	63000500
		63017900	63018900	16058400	
*RNF7031	BASICLIST_ISLISTTYPEOF...				
	N(1)	57008300D			
	PROTOTYPE				
*RNF7031	BASICLIST_ISNULL N(1)	57030100D			
	PROTOTYPE				
*RNF7031	BASICLIST_ISNULLVALUE...				
	N(1)	57030900D			
	PROTOTYPE				
*RNF7031	BASICLIST_ISSORTED...				
	N(1)	57026200D			
	PROTOTYPE				
*RNF7031	BASICLIST_ISTYPEOF...				
	N(1)	57009200D			
	PROTOTYPE				
*RNF7031	BASICLIST_NEW *(16)	57002700D			
	PROTOTYPE				
*RNF7031	BASICLIST_NULL *(16)	57029400D			
	PROTOTYPE				
*RNF7031	BASICLIST_REMOVE I(10,0)	57022800D			
	PROTOTYPE				
*RNF7031	BASICLIST_SET I(10,0)	57017700D			
	PROTOTYPE				
*RNF7031	BASICLIST_SETAUTOSORT...				
	N(1)	57021900D			
	PROTOTYPE				
*RNF7031	BASICLIST_SETNULL I(10,0)	57019000D			
	PROTOTYPE				

*RNF7031 BASICLIST_SETPOINTER...	I(10,0)	57020900D			
	PROTOTYPE				
*RNF7031 BASICLIST_SETSTRING...	I(10,0)	57019900D			
	PROTOTYPE				
*RNF7031 BASICLIST_SORT	N(1)	57025300D			
	PROTOTYPE				
*RNF7031 BASICLIST_TYPE_T	A(32)	57000700D	57003100	57007500	57008800
	BASED(PDUMMY)	57009800	57010200	57012700	57018500
*RNF7031 BASICMAP_CLEAR	I(10,0)	63019900D			
	PROTOTYPE				
*RNF7031 BASICMAP_CLONE	*(16)	63002400D			
	PROTOTYPE				
*RNF7031 BASICMAP_CONTAINSKEY...	N(1)	63004200D			
	PROTOTYPE				
*RNF7031 BASICMAP_DELETE	I(10,0)	63020700D			
	PROTOTYPE				
*RNF7031 BASICMAP_GET	*(16)	63005200D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETHEAPID...	I(10,0)	63017100D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETINTEGER...	I(10,0)	63007400D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETKEYBYINDEX...	A(4096)	63009500D			
	VARYING				
	PROTOTYPE				
*RNF7031 BASICMAP_GETKEYS	*(16)	63017900D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETNUME	I(10,0)	63016300D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETSIZE	I(10,0)	63014400D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETSIZEBYINDEX...	I(10,0)	63015400D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETSTRING...	A(4096)	63006400D			
	VARYING				
	PROTOTYPE				
*RNF7031 BASICMAP_GETVALUEBYINDEX...	*(16)	63008400D			
	PROTOTYPE				
*RNF7031 BASICMAP_GETVALUES...	*(16)	63018900D			
	PROTOTYPE				
*RNF7031 BASICMAP_HANDLE_T	*(16)	63000500D	63001500	63002400	63002800
	BASED(PDUMMY)	63003600	63004600	63005600	63006800
		63007800	63008800	63009900	63011000
		63012400	63013700	63014800	63015800
		63016700	63017500	63018300	63019300
		63020300	63021100	63021500	63022600
		63023400	16054400		
*RNF7031 BASICMAP_ISNULL	N(1)	63022200D			

*RNF7031	BASICMAP_KEY_T	PROTOTYPE A(4096) BASED(PDUMMY) VARYING	63000800D 63006900 63012500 63024600 70008900 70013500 63001500D	63003700 63007900 63013800 70005600 70010000 70014600	63004700 63009500 63014900 70006700 70011100 70015700	63005700 63011100 63023800 70007700 70012300
*RNF7031	BASICMAP_NEW	*(16) PROTOTYPE				
*RNF7031	BASICMAP_NEWKEYSET...	*(16) PROTOTYPE	63023000D			
*RNF7031	BASICMAP_NULL	*(16) PROTOTYPE	63021500D			
*RNF7031	BASICMAP_PUT	I(10,0) PROTOTYPE	63010600D			
*RNF7031	BASICMAP_PUTINTEGER...	I(10,0) PROTOTYPE	63013300D			
*RNF7031	BASICMAP_PUTSTRING...	I(10,0) PROTOTYPE	63012000D			
*RNF7031	BASICMAP_REMOVE	I(10,0) PROTOTYPE	63003200D			
*RNF7031	BASICPROPERTIES_CLEAR...	I(10,0) PROTOTYPE	70017900D			
*RNF7031	BASICPROPERTIES_CLONE...	*(16) PROTOTYPE	70002100D			
*RNF7031	BASICPROPERTIES_CONTAINSKEY...	N(1) PROTOTYPE	70006200D			
*RNF7031	BASICPROPERTIES_DECVAL_T...	P(31,10) BASED(PDUMMY)	70000800D 70015900	70010600	70011300	70015200
*RNF7031	BASICPROPERTIES_DELETE...	I(10,0) PROTOTYPE	70018700D			
*RNF7031	BASICPROPERTIES_GETBOOLEAN...	N(1) PROTOTYPE	70009500D			
*RNF7031	BASICPROPERTIES_GETDECIMAL...	P(31,10) PROTOTYPE	70010600D			
*RNF7031	BASICPROPERTIES_GETHEAPID...	I(10,0) PROTOTYPE	70017100D			
*RNF7031	BASICPROPERTIES_GETINTEGER...	I(10,0) PROTOTYPE	70008400D			
*RNF7031	BASICPROPERTIES_GETNUME...	I(10,0) PROTOTYPE	70016300D			
*RNF7031	BASICPROPERTIES_GETSTRING...	A(4096) VARYING PROTOTYPE	70007200D			



*RNF7031 BASICPROPERTIES_HANDLE_T...				
*(16)	70000500D	70001200	70002100	70002500
BASED(PDUMMY)	70003300	70004600	70005500	70006600
	70007600	70008800	70009900	70011000
	70012200	70013400	70014500	70015600
	70016700	70017500	70018300	70019200
	70019600	70020700	70021500	
*RNF7031 BASICPROPERTIES_ISNULL...				
N(1)	70020300D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_LOADFROMMEMBER...				
I(10,0)	70002900D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_LOADFROMSTMF...				
I(10,0)	70004200D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_NEW...				
*(16)	70001200D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_NEWKEYSET...				
*(16)	70021100D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_NULL...				
*(16)	70019600D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_PUTBOOLEAN...				
I(10,0)	70014100D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_PUTDECIMAL...				
P(31,10)	70015200D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_PUTINTEGER...				
I(10,0)	70013000D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_PUTSTRING...				
I(10,0)	70011800D			
PROTOTYPE				
*RNF7031 BASICPROPERTIES_REMOVE...				
I(10,0)	70005100D			
PROTOTYPE				
*RNF7031 BASICSTACK_CLEAR				
I(10,0)	60008100D			
PROTOTYPE				
*RNF7031 BASICSTACK_CLONE				
*(16)	60001900D			
PROTOTYPE				
*RNF7031 BASICSTACK_DELETE				
I(10,0)	60008900D			
PROTOTYPE				
*RNF7031 BASICSTACK_GETHEAPID...				
I(10,0)	60007300D			
PROTOTYPE				
*RNF7031 BASICSTACK_GETNUME...				
I(10,0)	60006500D			
PROTOTYPE				
*RNF7031 BASICSTACK_GETSIZE...				
I(10,0)	60005700D			
PROTOTYPE				
*RNF7031 BASICSTACK_HANDLE_T...				
*(16)	60000500D	60001000	60001900	60002300
BASED(PDUMMY)	60003100	60004100	60005100	60006100

		60006900	60007700	60008500	60009300
		60009700	60010800		
*RNF7031	BASICSTACK_ISNULL N(1)	60010400D			
	PROTOTYPE				
*RNF7031	BASICSTACK_NEW *(16)	60001000D			
	PROTOTYPE				
*RNF7031	BASICSTACK_NULL *(16)	60009700D			
	PROTOTYPE				
*RNF7031	BASICSTACK_PEEK *(16)	60002700D			
	PROTOTYPE				
*RNF7031	BASICSTACK_POP *(16)	60003700D			
	PROTOTYPE				
*RNF7031	BASICSTACK_PUSH I(10,0)	60004700D			
	PROTOTYPE				
*RNF7031	BSEARCH *(16)	72029400D			
	PROTOTYPE				
	C_CHECK_ALL CONST	72020700D			
	C_CHECK_ALL_AND_ABORT...				
	CONST	72021000D			
	C_CHECK_CHUNKS CONST	72020400D			
	C_CHECK_NODES CONST	72020500D			
	C_CHECK_TOTALS CONST	72020300D			
	C_CHECK_TREE CONST	72020600D			
	C_DUMP_ALL CONST	72019900D			
	C_DUMP_CHUNKS CONST	72019200D			
	C_DUMP_NODES CONST	72019600D			
	C_DUMP_TOTALS CONST	72018900D			
	C_DUMP_TREE CONST	72019800D			
*RNF7031	C_MALLINFO_T DS(64)	72017400	72018300	72022500D	
	BASED(PDUMMY)				
*RNF7031	ALLOCATED_BLOCKS...				
	I(20,0)	72023300D			
*RNF7031	ALLOCATED_BYTES I(20,0)	72022900D			
*RNF7031	OVERHEAD_BYTES I(20,0)	72024100D			
*RNF7031	PAD_BYTES I(20,0)	72023900D			
*RNF7031	REQUESTED_BYTES I(20,0)	72023700D			
*RNF7031	TOTAL_BYTES I(20,0)	72022700D			
*RNF7031	UNALLOCATED_BLOCKS...				
	I(20,0)	72023500D			
*RNF7031	UNALLOCATED_BYTES...				
	I(20,0)	72023100D			
	C_NO_CHECKS CONST	72020200D			
	C_NO_DUMPS CONST	72018700D			
	CARRAY_INDEX CONST	16048500D			
	CARRAY_NONE CONST	16047700D			
	CARRAY_RPG CONST	16048100D			
	CARRAY_VALUE CONST	16048300D			
	CARRAY_XML CONST	16047900D			
	CBASICLIST_REMOVE_ALL...				
	CONST	57001000D			
	CBASICLIST_TYPE_CHARACTER...				
	CONST	57001700D			
	CBASICLIST_TYPE_INTEGER...				
	CONST	57001900D			
	CBASICLIST_TYPE_POINTER...				
	CONST	57002300D			
	CBASICLIST_TYPE_INTEGER...				
	CONST	57002100D			

CBASICLIST_TYPE_UNKNOWN...		
CONST		57001300D
CBASICLIST_TYPE_VSTRING...		
CONST		57001500D
CBOOL_AND	CONST	16079000D
CBOOLEAN_NULL	CONST	16002400D
CBYTE_DECPOS	CONST	16025000D
CBYTE_LEN	CONST	16024800D
CBYTE_TYPE	CONST	16024600D
CCIPHER_FINAL	CONST	72094900D
CCIPHER_FIRST	CONST	72094500D
CCIPHER_HASH	CONST	72095200D
CCIPHER_HMAC	CONST	72095400D
CCIPHER_MD5	CONST	72093800D
CCIPHER_MIDDLE	CONST	72094700D
CCIPHER_ONLY	CONST	72094300D
CCIPHER_SHA1	CONST	72094000D
CCLOSE_ANGLE	CONST	16098400D
CCMD_PRC_CHK_CL_STMT...		
CONST		48001800D
CCMD_PRC_CHK_CMDLINE...		
CONST		48001600D
CCMD_PRC_CHK_QCMDCHK...		
CONST		48001200D
CCMD_PRC_CHK_SEU_BND...		
CONST		48002400D
CCMD_PRC_CHK_SEU_CL...		
CONST		48002000D
CCMD_PRC_CHK_SEU_CLLE...		
CONST		48002800D
CCMD_PRC_CHK_SEU_CMD...		
CONST		48002200D
CCMD_PRC_CHK_UDO	CONST	48002600D
CCMD_PRC_EXC_CMDLINE...		
CONST		48001400D
CCMD_PRC_EXC_QCMDEXC...		
CONST		48001000D
CCMD_PRC_PROMPT_ALWAYS...		
CONST		48003300D
CCMD_PRC_PROMPT_HELP...		
CONST		48003700D
CCMD_PRC_PROMPT_NEVER...		
CONST		48003100D
CCMD_PRC_PROMPT_ON_REQUEST...		
CONST		48003500D
CCONTINUE_LITERAL	CONST	16076000D
CCONTINUE_NAME	CONST	16076200D
CCONTINUE_NEXT_LINE...		
CONST		16076400D
CCRC32_FINAL	CONST	37006000D
CCRC32_FIRST	CONST	37005600D
CCRC32_MIDDLE	CONST	37005800D
CCRC32_ONLY	CONST	37005400D
CDECIMAL_DECPOS	CONST	16021900D
CDECIMAL_LEN	CONST	16021700D
CDECIMAL_TYPE	CONST	16021500D
CDEFAULT_LEFT_MARGIN...		
CONST		16075500D

CDEFAULT_RIGHT_MARGIN...	CONST	16075700D
CDEFAULT_TAB_INDENT...	CONST	16075300D
CDIM_DIGITS	CONST	16021000D
CDIM_LENGTH	CONST	16020900D
CDIM_XML_UNBOUNDED...	CONST	16021200D
CDISPLAY_MODE_DS3	CONST	55000900D
CDISPLAY_MODE_DS4	CONST	55001100D
CDOUBLE_DECPOS	CONST	16022600D
CDOUBLE_LEN	CONST	16022400D
CDOUBLE_QUOTE	CONST	16097000D
CDOUBLE_TYPE	CONST	16022200D
CEBCDIC_CRLF	CONST	16097200D
CENTRY_TYPE_REQUEST_MESSAGE...	CONST	16067100D
CENTRY_TYPE_RESPONSE_MESSAGE...	CONST	16067400D
CEOL	CONST	16076600D
CEXT_TYPE_INF_ARRAY_INDEX...	CONST	16068100D
CEXT_TYPE_INF_DYNAMIC_ARRAY...	CONST	16068400D
CEXT_TYPE_INF_RECURSION...	CONST	16068700D
CEXT_TYPE_INF_STATIC_ARRAY...	CONST	16067900D
CFALSE	CONST	13011400D
CFLOAT_DECPOS	CONST	16023400D
CFLOAT_LEN	CONST	16023200D
CFLOAT_TYPE	CONST	16023000D
CGDAY_DECPOS	CONST	16034600D
CGDAY_LEN	CONST	16034400D
CGDAY_TYPE	CONST	16034200D
CGENERATE_PGM	CONST	16003000D
CGENERATE_SRVICE_MODULE...	CONST	16003200D
CGENERATE_STUB	CONST	16002800D
CGENERATOR_CALLBACK_END...	CONST	16080600D
CGENERATOR_CALLBACK_START...	CONST	16080400D
CGENERATOR_CMD_GENERATE...	CONST	16080900D
CGENERATOR_CMD_GENERATE_ARRAY_ITEM...	CONST	16085100D
CGENERATOR_CMD_GENERATE_ARRAY_ITERATOR...	CONST	16084900D
CGENERATOR_CMD_GENERATE_CALLBACKS...	CONST	16083900D
CGENERATOR_CMD_GENERATE_DIMENSIONS...	CONST	16084700D
CGENERATOR_CMD_GENERATE_END_OF_PROCEDURE...	CONST	16083700D
CGENERATOR_CMD_GENERATE_LIST_OF_STUB_MODULES...	CONST	16085500D
CGENERATOR_CMD_GENERATE_NAMESPACES...		

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CONST 16084100D
CGENERATOR_CMD_GENERATE_OPERATION_PROCEDURE_INTERFACE...
CONST 16082900D
CGENERATOR_CMD_GENERATE_OPERATION_PROCEDURE_PROTOTYPE...
CONST 16081100D
CGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETER_LIST...
CONST 16081700D
CGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETER_TYPES...
CONST 16081900D
CGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETERS...
CONST 16081300D
CGENERATOR_CMD_GENERATE_OPERATION_REQUEST_PARAMETERS_PR...
CONST 16081500D
CGENERATOR_CMD_GENERATE_OPERATION_RESPONSE_SOAP_HEADER...
CONST 16083500D
CGENERATOR_CMD_GENERATE_OPERATION_RESPONSE_TYPE...
CONST 16082100D
CGENERATOR_CMD_GENERATE_OPERATION_RETURN_VALUE...
CONST 16083100D
CGENERATOR_CMD_GENERATE_OPERATION_USERDATA...
CONST 16083300D
CGENERATOR_CMD_GENERATE_PROTOTYPES...
CONST 16082500D
CGENERATOR_CMD_GENERATE_REQUEST...
CONST 16084500D
CGENERATOR_CMD_GENERATE_SET_INPUT_PARAMETERS...
CONST 16085300D
CGENERATOR_CMD_GENERATE_SOAP_HEADER...
CONST 16084300D
CGENERATOR_CMD_GENERATE_TYPES...
CONST 16082300D
CGENERATOR_CMD_GENERATE_WEB_SERVICE_ENDPOINT...
CONST 16082700D
CGENERATOR_CMD_QUOTED_VARIABLE...
CONST 16086000D
CGENERATOR_CMD_VARIABLE...
CONST 16085800D
CGENERATOR_CMD_VARIABLE_ADDR_USERDATA...
CONST 16088400D
CGENERATOR_CMD_VARIABLE_BUILD_ON...
CONST 16091600D
CGENERATOR_CMD_VARIABLE_CLEAR_RTNVALUE...
CONST 16088600D
CGENERATOR_CMD_VARIABLE_ENABLE_ATTACHMENTS...
CONST 16090600D
CGENERATOR_CMD_VARIABLE_END_CALLBACK...
CONST 16087600D
CGENERATOR_CMD_VARIABLE_END_HEADER_CALLBACK...
CONST 16088000D
CGENERATOR_CMD_VARIABLE_FULL_QUALIFIED_SRVMOD...
CONST 16090000D
CGENERATOR_CMD_VARIABLE_FULL_QUALIFIED_STUB...
CONST 16089400D
CGENERATOR_CMD_VARIABLE_IGNORE_UNEXPECTED_SOAP_HDR...
CONST 16092400D
CGENERATOR_CMD_VARIABLE_MEMBER_TEXT...
CONST 16087000D
CGENERATOR_CMD_VARIABLE_OPERATION_NAME...
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CONST 16086800D
CGENERATOR_CMD_VARIABLE_OPERATION_RESPONSE...
CONST 16087200D
CGENERATOR_CMD_VARIABLE_OPERATION_RESPONSE_TYPE...
CONST 16090400D
CGENERATOR_CMD_VARIABLE_OUTPUT_MEMBER...
CONST 16086200D
CGENERATOR_CMD_VARIABLE_PORT_NAME...
CONST 16086400D
CGENERATOR_CMD_VARIABLE_PROCEDURE_NAME...
CONST 16090200D
CGENERATOR_CMD_VARIABLE_PTR_RESP_SOAP_HEADER...
CONST 16091800D
CGENERATOR_CMD_VARIABLE_RTNVALUE...
CONST 16089000D
CGENERATOR_CMD_VARIABLE_RTNVALUE_USERDATA...
CONST 16088800D
CGENERATOR_CMD_VARIABLE_SERVICE_UUID...
CONST 16090800D
CGENERATOR_CMD_VARIABLE_SOAP_ACTION...
CONST 16088200D
CGENERATOR_CMD_VARIABLE_SRVMOD...
CONST 16089600D
CGENERATOR_CMD_VARIABLE_SRVPGM...
CONST 16089800D
CGENERATOR_CMD_VARIABLE_START_CALLBACK...
CONST 16087400D
CGENERATOR_CMD_VARIABLE_START_HEADER_CALLBACK...
CONST 16087800D
CGENERATOR_CMD_VARIABLE_STUB...
CONST 16089200D
CGENERATOR_CMD_VARIABLE_TGTRLS...
CONST 16092600D
CGENERATOR_CMD_VARIABLE_UNEXPECTED_ELEMENT_END_CALLBACK...
CONST 16092200D
CGENERATOR_CMD_VARIABLE_UNEXPECTED_ELEMENT_START_CALLBACK...
CONST 16092000D
CGENERATOR_CMD_VARIABLE_WSDL_PORT_NAME...
CONST 16086600D
CGENERATOR_CMD_VARIABLE_WSDL2RPG_DATE...
CONST 16091200D
CGENERATOR_CMD_VARIABLE_WSDL2RPG_VERSION...
CONST 16091000D
CGENERATOR_CMD_VARIABLE_WSDL2RPG_VERSION_INFO...
CONST 16091400D
CGENERATOR_CNULL_CHECK_PROCEDURE_INPUT_PARAMETER...
CONST 16095100D
CGENERATOR_CNULL_CHECK_PROCEDURE_NULL_VALUE...
CONST 16095300D
CGENERATOR_CNULL_CHECK_PROCEDURE_RETURN_VALUE...
CONST 16095500D
CGENERATOR_CNULL_CHECK_PROCEDURE_SUFFIX...
CONST 16095700D
CGENERATOR_MOVED_TYPE_NAME_SUFFIX...
CONST 16093700D
CGENERATOR_NAME_CONCATENATION...
CONST 16093100D
CGENERATOR_PREFIX_NAME_DELIMITER...
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	CONST	16092900D			
	CGENERATOR_REFERENCE_NAME_SUFFIX...				
	CONST	16093900D			
	CGENERATOR_RENAME_TYPE_NAME_SUFFIX...				
	CONST	16093500D			
	CGENERATOR_RPC_RESPONSE_NAME_SUFFIX...				
	CONST	16094100D			
	CGENERATOR_RPG_ARRAY_PREFIX...				
	CONST	16093300D			
	CGENERATOR_RPG_ARRAY_VALUE_NAME_1...				
	CONST	16094300D			
	CGENERATOR_RPG_ARRAY_VALUE_NAME_2...				
	CONST	16094500D			
	CGENERATOR_RPG_CHOICE_HELPER_TYPE...				
	CONST	16094900D			
	CGENERATOR_RPG_SEQUENCE_HELPER_TYPE...				
	CONST	16094700D			
	CGENERATOR_TAG_CLOSE_BRACKET...				
	CONST	16079700D			
	CGENERATOR_TAG_FIRST_DELIMITER...				
	CONST	16079900D			
	CGENERATOR_TAG_NEXT_DELIMITER...				
	CONST	16080100D			
	CGENERATOR_TAG_OPEN_BRACKET...				
	CONST	16079500D			
	CGENERATOR_TAG_START...				
	CONST	16079300D			
	CGENERATOR_UNEXPECTED_ELEMENT_END...				
	CONST	16096100D			
	CGENERATOR_UNEXPECTED_ELEMENT_START...				
	CONST	16095900D			
	CGMONTH_DAY_DECPOS...				
	CONST	16036200D			
	CGMONTH_DAY_LEN	CONST			16036000D
	CGMONTH_DAY_TYPE	CONST			16035800D
	CGMONTH_DECPOS	CONST			16035400D
	CGMONTH_LEN	CONST			16035200D
	CGMONTH_TYPE	CONST			16035000D
	CGYEAR_DECPOS	CONST			16037000D
	CGYEAR_LEN	CONST			16036800D
	CGYEAR_MONTH_DECPOS...				
	CONST	16037800D			
	CGYEAR_MONTH_LEN	CONST			16037600D
	CGYEAR_MONTH_TYPE	CONST			16037400D
	CGYEAR_TYPE	CONST			16036600D
	CHAR	A(1)	004700D	026800M	026900
*RNF7031	CHAR_T	A(1)	72000800D		027000
		BASED(PDUMMY)			
*RNF7031	CHDIR	I(10,0)	72052300D		
		PROTOTYPE			
*RNF7031	CHMOD	I(10,0)	72053400D		
		PROTOTYPE			
	CHTTP_HEADER_CONTENT_TYPE...				
	CONST	5009100D			
	CHTTP_HEADER_SOAP_ACTION...				
	CONST	5009300D			
	CICONV_ERROR	CONST	72035500D		
	CINT_DECPOS	CONST	16025800D		

	CINT_LEN	CONST	16025600D
	CINT_TYPE	CONST	16025400D
	CINTEGER_DECPOS	CONST	16026600D
	CINTEGER_LEN	CONST	16026400D
	CINTEGER_TYPE	CONST	16026200D
*RNF7031	CIPHER	PROTOTYPE	72092000D
*RNF7031	CIPHERCTRLS_T	DS(96)	72092500D
		BASED(PDUMMY)	
*RNF7031	DATALNGTH	U(10,0)	72092900D
*RNF7031	FUNCTION	A(2)	72092600D
*RNF7031	HASHALG	A(1)	72092700D
*RNF7031	HASHCONTEXT	*(16)	72093200D
*RNF7031	HMACKEY	*(16)	72093300D
*RNF7031	HMACKEYLENGTH	U(10,0)	72093400D
*RNF7031	OUTPUT	A(1)	72093000D
*RNF7031	RESERVED_1	A(7)	72093100D
*RNF7031	RESERVED_2	A(44)	72093500D
*RNF7031	SEQUENCE	A(1)	72092800D
	CLASS_BOUND_OPERATION_IO...		
		CONST	16001900D
	CLASS_MESSAGE	CONST	16001500D
	CLASS_PART	CONST	16001700D
	CLASS_TRANSCODER	CONST	16002100D
	CLASS_TYPE	CONST	16001300D
	CLOGGER	CONST	16003500D
	CLOGGER_APPLICATION_MESSAGE...		
		CONST	16007900D
	CLOGGER_ARRAY	CONST	16005900D
	CLOGGER_ATTACHMENT_PART...		
		CONST	16007300D
	CLOGGER_COMMON	CONST	16008500D
	CLOGGER_COMPILER_CONDITIONS...		
		CONST	16006100D
	CLOGGER_CONTROLLER...		
		CONST	16003700D
	CLOGGER_EXPAT_ADAPTER...		
		CONST	16009000D
	CLOGGER_HELPER_TYPES...		
		CONST	16004900D
	CLOGGER_MANAGED_MEMORY_DATA_SOURCE...		
		CONST	16006900D
	CLOGGER_MANAGED_MEMORY_DATA_SOURCE_ICONV...		
		CONST	16007100D
	CLOGGER_MEMORY_MANAGER...		
		CONST	16006300D
	CLOGGER_MIME_HEADERS...		
		CONST	16006500D
	CLOGGER_MULTIREF	CONST	16008700D
	CLOGGER_NAMESPACES...		
		CONST	16004100D
	CLOGGER_OPERATION	CONST	16005100D
	CLOGGER_OPERATION_VISUALIZED_TYPES...		
		CONST	16005300D
	CLOGGER_QUALIFIED_NAME...		
		CONST	16008100D
	CLOGGER_REQ_INP_PARAM...		
		CONST	16003900D
	CLOGGER_RPG_ADAPTER...		



	CONST	16004300D	
	CLOGGER_RPG_ARRAY CONST	16005700D	
	CLOGGER_SOAP_MESSAGE...		
	CONST	16007500D	
	CLOGGER_SOAP_MESSAGE_DATA...		
	CONST	16007700D	
	CLOGGER_STREAM CONST	16006700D	
	CLOGGER_TEMPFILE CONST	16008300D	
	CLOGGER_TYPES CONST	16004700D	
	CLOGGER_WSDL_PARSER...		
	CONST	16004500D	
	CLOGGER_XML_ARRAY CONST	16005500D	
	CLOG4RPG_CONFIGURATION_DEFAULT_RELOAD_DELAY...		
	CONST	13007400D	
	CLOG4RPG_CONFIGURATION_DEFAULT_RELOAD_DELAY_UNIT...		
	CONST	13007600D	
	CLOG4RPG_DEBUG_OFF...		
	CONST	13009400D	
	CLOG4RPG_DEBUG_ON CONST	13009600D	
	CLOG4RPG_DEBUG_OUTPUT_PRINTER...		
	CONST	13010200D	
	CLOG4RPG_DEBUG_OUTPUT_STDOUT...		
	CONST	13010400D	
	CLOG4RPG_DEBUG_QUIET...		
	CONST	13009200D	
	CLOG4RPG_DEBUG_VERBOSE...		
	CONST	13009800D	
	CLOG4RPG_LEVEL_DEBUG...		
	CONST	13008000D	
	CLOG4RPG_LEVEL_ERROR...		
	CONST	13008600D	
	CLOG4RPG_LEVEL_FATAL...		
	CONST	13008800D	
	CLOG4RPG_LEVEL_INFO...		
	CONST	13008200D	
	CLOG4RPG_LEVEL_WARN...		
	CONST	13008400D	
	CLOG4RPG_LIB_SEARCH...		
	CONST	13007000D	
	CLOG4RPG_MAX_TEXT_LENGTH...		
	CONST	13003000D	
	CLONG_DECPOS CONST	16027400D	
	CLONG_LEN CONST	16027200D	
	CLONG_TYPE CONST	16027000D	
	CLOSE I(10,0)	72069600D	031600
	PROTOTYPE		
*RNF7031	CLOSEDIR I(10,0)	72058800D	
	PROTOTYPE		
	CMAK_KWDS CONST	16060400	16060700D
	CMAK_LENGTH_OF_OUTPUT_MEMBER_NAME...		
	CONST	16009600D	
	CMAK_OPERATIONS CONST	16015600	16015900D
	CMAK_OPERATIONS_PER_SOURCE_MEMBER...		
	CONST	16009400D	
	CMD5_FINAL CONST	37002800D	
	CMD5_FIRST CONST	37002400D	
	CMD5_HEX CONST	37001800D	
	CMD5_MIDDLE CONST	37002600D	

CMD5_ONLY	CONST	37002200D
CMD5_STRING	CONST	37002000D
CMEM_SIZE_BYTE	CONST	38033600D
CMEM_SIZE_EXA_BYTE...		
CONST		38034800D
CMEM_SIZE_GIGA_BYTE...		
CONST		38034200D
CMEM_SIZE_KILO_BYTE...		
CONST		38033800D
CMEM_SIZE_MEGA_BYTE...		
CONST		38034000D
CMEM_SIZE_PETA_BYTE...		
CONST		38034600D
CMEM_SIZE_TERA_BYTE...		
CONST		38034400D
CMEM_SIZE_ZETTA_BYTE...		
CONST		38035000D
CMSG_ACT_OLD	CONST	18005000D
CMSG_ACT_RMV	CONST	18005100D
CMSG_ACT_SAME	CONST	18005200D
CMSG_ALLINACT	CONST	18002000D
CMSG_ANY	CONST	18003200D
CMSG_COMP	CONST	18003300D
CMSG_COPY	CONST	18003400D
CMSG_DIAG	CONST	18003500D
CMSG_ESCAPE	CONST	18003600D
CMSG_ESCP	CONST	18003700D
CMSG_EXT	CONST	18002100D
CMSG_FIRST	CONST	18003800D
CMSG_ID_NONE	CONST	18001600D
CMSG_ID_NULL	CONST	18001700D
CMSG_ID_OK	CONST	18001500D
CMSG_INFO	CONST	18003900D
CMSG_INQ	CONST	18004000D
CMSG_LAST	CONST	18004100D
CMSG_NEXT	CONST	18004200D
CMSG_NOTIFY	CONST	18004300D
CMSG_PREVIOUS	CONST	18004400D
CMSG_PRV	CONST	18002200D
CMSG_RMV_ALL	CONST	18005500D
CMSG_RMV_BYKEY	CONST	18005600D
CMSG_RMV_NEW	CONST	18005700D
CMSG_RMV_OLD	CONST	18005800D
CMSG_RMV_SCOPE	CONST	18005900D
CMSG_RPY	CONST	18004500D
CMSG_RQS	CONST	18004600D
CMSG_RTNCTRLCHAR_NO...		
CONST		18006500D
CMSG_RTNCTRLCHAR_YES...		
CONST		18006300D
CMSG_SAME	CONST	18002300D
CMSG_STATUS	CONST	18004700D
CMSG_TOCTLBDY	CONST	18002800D
CMSG_TOMYSELF	CONST	18002600D
CMSG_TOPGM	CONST	18002900D
CMSG_TOPGMBDY	CONST	18002700D
CNEG_INT_DECPOS	CONST	16033000D
CNEG_INT_LEN	CONST	16032800D

CNEG_INT_TYPE	CONST	16032600D	
CNON_NEG_INT_DECPOS...			
	CONST	16031400D	
CNON_NEG_INT_LEN	CONST	16031200D	
CNON_NEG_INT_TYPE	CONST	16031000D	
CNON_POS_INT_DECPOS...			
	CONST	16032200D	
CNON_POS_INT_LEN	CONST	16032000D	
CNON_POS_INT_TYPE	CONST	16031800D	
CNS_APACHE_SOAP	CONST	16072400D	
CNS_SCHEMA	CONST	16072600D	
CNS_SCHEMA_INSTANCE...			
	CONST	16072800D	
CNS_WSDL	CONST	16070400D	
CNS_WSDL_HTTP	CONST	16072100D	
CNS_WSDL_SOAP	CONST	16070600D	
CNS_WSDL_SOAP_ENCODING...			
	CONST	16071800D	
CNS_WSDL_SOAP_ENVELOPE...			
	CONST	16071200D	
CNS_WSDL_SOAP_12_ENVELOPE...			
	CONST	16071500D	
CNS_WSDL_SOAP12	CONST	16070900D	
CNS_WSDL2RPG	CONST	16073500D	
*RNF7031 COMSTR	PROTOTYPE	35025700D	
*RNF7031 CONFIGURATOR_CLEARCONFIGURATION...			
	PROTOTYPE	13064900D	
*RNF7031 CONFIGURATOR_LOADANDWATCHPROPERTIESCONFIGURATION...			
	N(1)	13062900D	
	PROTOTYPE		
*RNF7031 CONFIGURATOR_LOADDEFAULTCONFIGURATION...			
	N(1)	13059500D	
	PROTOTYPE		
*RNF7031 CONFIGURATOR_LOADPROPERTIESCONFIGURATION...			
	N(1)	13061100D	
	PROTOTYPE		
COPEN_ANGLE	CONST	16098200D	
CPARMSTRUCT_DISPLAY...			
	CONST	16010700D	
CPARMSTRUCT_STMF	CONST	16010500D	
CPOS_INT_DECPOS	CONST	16033800D	
CPOS_INT_LEN	CONST	16033600D	
CPOS_INT_TYPE	CONST	16033400D	
CPREFIX_WSDL2RPG	CONST	16073300D	
*RNF7031 CRC32_T	DS(42)	37006200D	37012100
*RNF7031 LENGTH	U(5,0)	37006300D	
*RNF7031 VALUE	A(40)	37006400D	
REFERENCE_FIELD_SUFFIX...			
	CONST	16075100D	
CSHA1_FINAL	CONST	37004600D	
CSHA1_FIRST	CONST	37004200D	
CSHA1_HEX	CONST	37003600D	
CSHA1_MIDDLE	CONST	37004400D	
CSHA1_ONLY	CONST	37004000D	
CSHA1_STRING	CONST	37003800D	
CSHORT_DECPOS	CONST	16024200D	
CSHORT_LEN	CONST	16024000D	
CSHORT_TYPE	CONST	16023800D	

CSINGLE_QUOTE	CONST	16096800D
CSPEC_ELSE	CONST	16077100D
CSPEC_ENDFOR	CONST	16078500D
CSPEC_ENDIF	CONST	16077300D
CSPEC_ENDSL	CONST	16078100D
CSPEC_FOR	CONST	16078300D
CSPEC_IF	CONST	16076900D
CSPEC_OTHER	CONST	16077700D
CSPEC_RETURN	CONST	16078700D
CSPEC_SELECT	CONST	16077900D
CSPEC_WHEN	CONST	16077500D
CSQUARE_BRACKET_LEFT...		
	CONST	16097700D
CSQUARE_BRACKET_RIGHT...		
	CONST	16097900D
CSQUARE_BRACKETS	CONST	16097500D
CSRCMBR_NONE	CONST	16010000D
CTEMP_FILE_IDENTIFIER...		
	CONST	16096400D
CTESTPTR_ERROR_INVALID...		
	CONST	35018100D
CTESTPTR_ERROR_NOT_EXIST...		
	CONST	35017900D
CTESTPTR_ERROR_OBJECT_DESTROYED...		
	CONST	35018300D
CTESTPTR_NO_OPTIMIZED_PARAMETER_PASSING...		
	CONST	35016700D
CTESTPTR_NON_TERASPACE...		
	CONST	35017400D
CTESTPTR_OPTIMIZED_PARAMETER_PASSING...		
	CONST	35016900D
CTESTPTR_TERASPACE...		
	CONST	35017600D
CTESTPTR_TYPE_MEMPTR...		
	CONST	35017200D
CTESTPTR_TYPE_PROCPTR...		
	CONST	35016500D
CTRUE	CONST	13010900D
CTYPE_REFERENCE	CONST	16048700D
CUBYTE_DECPOS	CONST	16029000D
CUBYTE_LEN	CONST	16028800D
CUBYTE_TYPE	CONST	16028600D
CUINT_DECPOS	CONST	16029800D
CUINT_LEN	CONST	16029600D
CUINT_TYPE	CONST	16029400D
CULONG_DECPOS	CONST	16030600D
CULONG_LEN	CONST	16030400D
CULONG_TYPE	CONST	16030200D
CURL_ERROR_EMPTY_URL...		
	CONST	66000800D
CURL_ERROR_INVALID_OBJECT_DATA...		
	CONST	66001800D
CURL_ERROR_INVALID_PORT_NUMBER...		
	CONST	66001400D
CURL_ERROR_NO_PROTOCOL...		
	CONST	66001000D
CURL_ERROR_UNSUPPORTED_OPERATION...		
	CONST	66001600D

	CURL_ERROR_UNSUPPORTED_PROTOCOL...		
	CONST	66001200D	
	CURRENT_ITEM	CONST	16098700D
	CURRENT_ITEM_PTR	CONST	16098900D
	CUSHORT_DECPOS	CONST	16028200D
	CUSHORT_LEN	CONST	16028000D
	CUSHORT_TYPE	CONST	16027800D
	CUUID_HEX	CONST	37000800D
	CUUID_STRING	CONST	37001000D
*RNF7031	CVTCH	PROTOTYPE	72091300D
*RNF7031	CVTEFND	F(8)	72086000D
	PROTOTYPE		
*RNF7031	CVTHC	PROTOTYPE	72090600D
	CWAIT_MOD_AS_ENTER...		
	CONST	35027000D	
	CWAIT_MOD_AS_LEAVE...		
	CONST	35027200D	
	CWAIT_MPL_SET	CONST	35027400D
	CWAIT_NORMAL	CONST	35026800D
	CWAIT_SIGNALS	CONST	35027600D
	CWORDWRAP_PARAGRAPH_MSGD...		
	CONST	38001000D	
	CWORDWRAP_PARAGRAPH_NONE...		
	CONST	38000800D	
	CWORDWRAP_PARAGRAPH_TEXT...		
	CONST	38001200D	
	CWORDWRAP_PARAGRAPH_TRIMR...		
	CONST	38001400D	
	CWSDL_ATTR_XMLNS	CONST	16070000D
	CWSDL_ERROR	CONST	16069000D
	CWSDL_OK	CONST	16069100D
	CWSDL_STYLE_DOCUMENT...		
	CONST	16074100D	
	CWSDL_STYLE_RPC	CONST	16073900D
	CWSDL_USE_ENCODED	CONST	16074700D
	CWSDL_USE_LITERAL	CONST	16074500D
	CWSDL_XPATH_DEFINITIONS...		
	CONST	16069600D	
*RNF7031	DEPRECATED	PROTOTYPE	15011600D
*RNF7031	DIR	*(16)	006900D
*RNF7031	DIRENT_T	DS(696)	72055900D
	BASED(PDUMMY)		
*RNF7031	D_FILENO	U(10,0)	72056300D
*RNF7031	D_FILENO_GEN_ID	U(10,0)	72056200D
*RNF7031	D_NAME	A(640)	72057300D
*RNF7031	D_NAMELEN	U(10,0)	72057200D
*RNF7031	D_NLSINFO	DS(12)	72057000D
*RNF7031	D_RECLEN	U(10,0)	72056400D
*RNF7031	D_RESERV1	A(16)	72056000D
*RNF7031	D_RESERV3	I(10,0)	72056500D
*RNF7031	D_RESERV4	A(8)	72056600D
*RNF7031	DISPLAY_GETCOLUMNS...		
	I(5,0)	55004500D	
	PROTOTYPE		
*RNF7031	DISPLAY_GETMODE	A(4)	55001500D
	PROTOTYPE		
*RNF7031	DISPLAY_GETROWS	I(5,0)	55003600D
	PROTOTYPE		

*RNF7031	DISPLAY_MODE_T	A(4)	55000500D	55001500	55004000	55004900
		BASED(PDUMMY)	55005800			
*RNF7031	DISPLAY_SUPPORTSDS4...					
		N(1)	55002200D			
		PROTOTYPE				
*RNF7031	DISPLAY_SUPPORTSGUI...					
		N(1)	55002900D			
		PROTOTYPE				
*RNF7031	DOUBLE_T	F(8)	72001600D			
		BASED(PDUMMY)				
	EACCES_C	CONST	72074700D			
	EADDRINUSE_C	CONST	72075800D			
	EADDRNOTAVAIL_C	CONST	72076000D			
	EAFNOSUPPORT_C	CONST	72076100D			
	EAGAIN_C	CONST	72075200D			
	EALREADY_C	CONST	72076200D			
	EASPGRPNOTSET_C	CONST	72085000D			
	EBADDATA_C	CONST	72072700D			
	EBADF_C	CONST	72079100D			
	EBADFID_C	CONST	72082600D			
	EBADFUNC_C	CONST	72072500D			
	EBADH_C	CONST	72083100D			
	EBADKEYLN_C	CONST	72073200D			
	EBADMODE_C	CONST	72072000D			
	EBADNAME_C	CONST	72071900D			
	EBADOPT_C	CONST	72072800D			
	EBADPOS_C	CONST	72072100D			
	EBADSEEK_C	CONST	72071800D			
	EBUSY_C	CONST	72074200D			
	ECHILD_C	CONST	72083000D			
	ECLOSED_C	CONST	72075700D			
	ECONNABORTED_C	CONST	72076300D			
	ECONNREFUSED_C	CONST	72076400D			
	ECONNRESET_C	CONST	72076500D			
	ECONVERT_C	CONST	72081400D			
	EDAMAGE_C	CONST	72080800D			
	EDATALINK_C	CONST	72084400D			
	EDEADLK_C	CONST	72079600D			
	EDESTADDRREQ_C	CONST	72076600D			
	EDESTROYED_C	CONST	72079900D			
	EDOM_C	CONST	72070800D			
	EEXIST_C	CONST	72079500D			
	EFAULT_C	CONST	72075400D			
	EFBIG_C	CONST	72082200D			
	EFBIG2_C	CONST	72084700D			
	EFILECVT_C	CONST	72082500D			
	EGETANDPUT_C	CONST	72073400D			
	EHOSTDOWN_C	CONST	72076700D			
	EHOSTUNREACH_C	CONST	72076800D			
	EIDRM_C	CONST	72082300D			
	EILSEQ_C	CONST	72081600D			
	EINPROGRESS_C	CONST	72076900D			
	EINTR_C	CONST	72075300D			
	EINVAL_C	CONST	72073900D			
	EIO_C	CONST	72074000D			
	EIOERROR_C	CONST	72073500D			
	EIORECERR_C	CONST	72073600D			
	EISCONN_C	CONST	72077000D			

EISDIR_C	CONST	72080400D			
EITERBAD_C	CONST	72080700D			
EJOURNALED_C	CONST	72084100D			
EJRNDAMAGE_C	CONST	72083500D			
EJRNENTTOOLONG_C	CONST	72084300D			
EJRNINACTIVE_C	CONST	72083600D			
EJRNRCVSPC_C	CONST	72083700D			
EJRNRM_T_C	CONST	72083800D			
ELOCKED_C	CONST	72082100D			
ELOOP_C	CONST	72080900D			
EMFILE_C	CONST	72079200D			
EMLADDRS	A(250)	002500D	040700M	040700	042300
EMLINK_C	CONST	72080100D			
EMLMSG	A(100)	002600D	028600M	029300M	030300M
		033700M	034300M	034900M	035600M
		036200M	036800M	037400M	037900M
		038400M	042600		
EMLSUB	A(80)	002700D	041600M	042500	
EMPTY_ITEM	CONST	16099000D			
EMSGSIZE_C	CONST	72077100D			
ENAMETOOLONG_C	CONST	72081000D			
ENETDOWN_C	CONST	72077200D			
ENETRESET_C	CONST	72077300D			
ENETUNREACH_C	CONST	72077400D			
ENEWJRN_C	CONST	72084000D			
ENEWJRNRCV_C	CONST	72083900D			
ENFILE_C	CONST	72079300D			
ENOBUFFS_C	CONST	72077500D			
ENODEV_C	CONST	72074100D			
ENOENT_C	CONST	72074300D			
ENOLCK_C	CONST	72081100D			
ENOMEM_C	CONST	72079700D			
ENOMSG_C	CONST	72082400D			
ENOPOS_C	CONST	72072200D			
ENOPROTOOPT_C	CONST	72077600D			
ENOREC_C	CONST	72072600D			
ENOSPC_C	CONST	72074900D			
ENOSYS_C	CONST	72080300D			
ENOSYSRSC_C	CONST	72081300D			
ENOTAVAIL_C	CONST	72084500D			
ENOTCONN_C	CONST	72077700D			
ENOTDIR_C	CONST	72074800D			
ENOTDLT_C	CONST	72073000D			
ENOTEMPTY_C	CONST	72081200D			
ENOTENROLL_C	CONST	72081800D			
ENOTOPEN_C	CONST	72071100D			
ENOTREAD_C	CONST	72071200D			
ENOTSAME_C	CONST	72083300D			
ENOTSIGINIT_C	CONST	72082900D			
ENOTSOCK_C	CONST	72077800D			
ENOTSUP_C	CONST	72077900D			
ENOTTY_C	CONST	72084600D			
ENOTUPD_C	CONST	72072900D			
ENOTWRITE_C	CONST	72071400D			
ENUMMBRS_C	CONST	72072300D			
ENUMRECS_C	CONST	72072400D			
ENVIAARCHIVORESPONSE...					
DS(130)		013300D	020300M		

*RNF7031	ENVIRON	*(16)	72089000D			
	ENVVAR_T	DS(1156)	49000700D	48006400	48006500	48008400
		BASED(PDUMMY)				
*RNF7031	NAME	A(128)	49000800D	48006400		
		VARYING				
*RNF7031	VALUE	A(1024)	49000900D	48006500		
		VARYING				
	ENXIO_C	CONST	72075600D			
	EOFFLINE_C	CONST	72081900D			
	EOPNOTSUPP_C	CONST	72078000D			
	EOVERFLOW_C	CONST	72083400D			
	EOWNERTERM_C	CONST	72079800D			
	EPAD_C	CONST	72073100D			
	EPERM_C	CONST	72074400D			
	EPFNOSUPPORT_C	CONST	72078100D			
	EPIPE_C	CONST	72079400D			
*RNF7031	EPOCH	Z(26)	007000D			
	EPROTONOSUPPORT_C	CONST	72078300D			
	EPROTOTYPE_C	CONST	72078400D			
	EPUTANDGET_C	CONST	72073300D			
	ERANGE_C	CONST	72070900D			
	ERCVDERR_C	CONST	72078500D			
	ERECIO_C	CONST	72071300D			
	ERESTART_C	CONST	72085100D			
	EROFS_C	CONST	72080500D			
	EROOBJ_C	CONST	72082000D			
*RNF7031	ERRCODE_T	DS(272)	26000600D	25000900	25002100	25002900
		BASED(PDUMMY)				
*RNF7031	BYTAVL	I(10,0)	26000800D			
*RNF7031	BYTPRV	I(10,0)	26000700D			
*RNF7031	EXCDTA	A(256)	26001100D			
*RNF7031	EXCID	A(7)	26000900D			
*RNF7031	RESERVED_1	A(1)	26001000D			
*RNF7031	ERRNO	*(16)	72070100D			
		PROTOTYPE				
	ERRTEXT	A(128)	012200D	020600		
		VARYING				
	ESCANFAILURE_C	CONST	72085200D			
	ESHUTDOWN_C	CONST	72078600D			
	ESOCKTNOSUPPORT_C	CONST	72078800D			
	ESOFDAMAGE_C	CONST	72081700D			
	ESPIPE_C	CONST	72080200D			
	ESRCH_C	CONST	72082800D			
	ESTALE_C	CONST	72082700D			
	ESTDERR_C	CONST	72071700D			
	ESTDIN_C	CONST	72071500D			
	ESTDOUT_C	CONST	72071600D			
	ETERM_C	CONST	72080000D			
	ETIME_C	CONST	72075500D			
	ETIMEDOUT_C	CONST	72078900D			
	ETOOMANYREFS_C	CONST	72083200D			
	ETRUNC_C	CONST	72071000D			
	ETXTBSY_C	CONST	72084800D			
	EUNATCH_C	CONST	72079000D			
	EUNKNOWN_C	CONST	72080600D			
	EWOLDBLOCK_C	CONST	72075100D			
*RNF7031	EXCP_MSGID	A(7)	72002800D			
	EXDEV_C	CONST	72075000D			



E2BIG_C	CONST	72081500D
*RNF7031 F_ACTIVATESRVPGM	DS(40)	30019000D
	PROTOTYPE	
*RNF7031 F_ADDQUOTES	A(4096)	38019400D
	VARYING	
	PROTOTYPE	
*RNF7031 F_ALIGNR	A(4096)	38021200D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CALLER	A(256)	28002700D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CENTER	A(4096)	38020300D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CHGUSRSPCAUTOEXT...		
	N(1)	30015500D
	PROTOTYPE	
*RNF7031 F_CHGUSRSPCINITVALUE...		
	A(1)	30016700D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CHGUSRSPCSIZE	I(10,0)	30014300D
	PROTOTYPE	
*RNF7031 F_CLCLENGTHOFRPGINTFIELDFROMBUFSIZE...		
	U(5,0)	37008500D
	PROTOTYPE	
*RNF7031 F_CLRERRNO	PROTOTYPE	25004000D
*RNF7031 F_CONTAINSINVALIDCHARAT...		
	N(1)	38027900D
	PROTOTYPE	
*RNF7031 F_CONTAINSSTRINGAT...		
	N(1)	38029000D
	PROTOTYPE	
*RNF7031 F_CRTUSRSPC	N(1)	30008300D
	PROTOTYPE	
*RNF7031 F_CVTAPIERRCODETOMSG...		
	A(549)	25002500D
	PROTOTYPE	
*RNF7031 F_CVTBUFFERTOHEXSTRING...		
	A(4096)	38025100D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CVTERRNOTOMSG	A(549)	25006300D
	PROTOTYPE	
*RNF7031 F_CVTHEXSTRINGTOBUFFER...		
	U(5,0)	38026800D
	PROTOTYPE	
*RNF7031 F_CVTPTRTHEXSTRING...		
	A(32)	38026000D
	VARYING	
	PROTOTYPE	
*RNF7031 F_CVTRCVMSGTOMSG	DS(549)	18018700D
	PROTOTYPE	
*RNF7031 F_DATESERIAL	D(10*ISO-)	68000600D
	PROTOTYPE	
*RNF7031 F_DELENVVAR	N(1)	48006900D
	PROTOTYPE	

*RNF7031 F_DLTUSRSPC	N(1)	30017900D
	PROTOTYPE	
*RNF7031 F_EBCDIC	U(3,0)	38010100D
	PROTOTYPE	
*RNF7031 F_EDITCODE	A(64)	38013300D
	VARYING	
	PROTOTYPE	
*RNF7031 F_EDITWORD	A(512)	38014600D
	VARYING	
	PROTOTYPE	
*RNF7031 F_ENDSWITH	N(1)	38005500D
	PROTOTYPE	
*RNF7031 F_ERRNO	I(10,0)	25003300D
	PROTOTYPE	
*RNF7031 F_EXECUTE	N(1)	48004100D
	PROTOTYPE	
*RNF7031 F_EXIST	N(1)	30003000D
	PROTOTYPE	
*RNF7031 F_FORMATDATE	A(128)	38031800D
	VARYING	
	PROTOTYPE	
*RNF7031 F_FORMATMEMSIZE	A(128)	38035400D
	VARYING	
	PROTOTYPE	
*RNF7031 F_GENCRC32	DS(42)	37012100D
	PROTOTYPE	
*RNF7031 F_GENMD5	DS(34)	37010100D
	PROTOTYPE	
*RNF7031 F_GENSHA1	DS(42)	37011100D
	PROTOTYPE	
*RNF7031 F_GENSTRCMP	N(1)	38022100D
	PROTOTYPE	
*RNF7031 F_GENSTRCMPIGNCASE...	N(1)	38023100D
	PROTOTYPE	
*RNF7031 F_GENUUID	DS(34)	37009300D
	PROTOTYPE	
*RNF7031 F_GETDISPLAYMODE	A(4)	55005800D
	PROTOTYPE	
*RNF7031 F_GETENVVAR	A(1024)	48005200D
	VARYING	
	PROTOTYPE	
*RNF7031 F_GETENVVARBYINDEX...	DS(1156)	48008400D
	PROTOTYPE	
*RNF7031 F_GETLENGTHEDITCODE...	U(5,0)	38015700D
	PROTOTYPE	
*RNF7031 F_GETLENGTHEDITWORD...	U(5,0)	38016700D
	PROTOTYPE	
*RNF7031 F_GETNUMENVVAR	I(10,0)	48007700D
	PROTOTYPE	
*RNF7031 F_GETOJLIB	A(10)	30021200D
	PROTOTYPE	
*RNF7031 F_GETPROCPTRBNAME...	DS(298)	30020100D
	PROTOTYPE	

*RNF7031 F_GETSNDINFOFRCVMSG...	DS(700)	18021400D
	PROTOTYPE	
*RNF7031 F_GETTMPNAME	A(20)	30006700D
	PROTOTYPE	
*RNF7031 F_GETUNIQUENAME	A(20)	30007400D
	PROTOTYPE	
*RNF7031 F_GETUSRSPCAUTOEXT...	N(1)	30012100D
	PROTOTYPE	
*RNF7031 F_GETUSRSPCINITVALUE...	A(1)	30013200D
	VARYING	
	PROTOTYPE	
*RNF7031 F_GETUSRSPCSIZE	I(10,0)	30010900D
	PROTOTYPE	
*RNF7031 F_ISAPIERROR	N(1)	25001700D
	PROTOTYPE	
*RNF7031 F_ISBITON	N(1)	37006800D
	PROTOTYPE	
*RNF7031 F_LCASE	A(4096)	38007300D
	VARYING	
	PROTOTYPE	
*RNF7031 F_LEFT	A(4096)	38001800D
	VARYING	
	PROTOTYPE	
*RNF7031 F_LOG10	F(8)	37007700D
	PROTOTYPE	
*RNF7031 F_NEWAPIERRCODE	DS(272)	25000900D
	PROTOTYPE	
*RNF7031 F_NEWMSG	DS(549)	18007800D
	PROTOTYPE	
*RNF7031 F_OBJNAME	A(21)	38030000D
	VARYING	
	PROTOTYPE	
*RNF7031 F_PARSEDAT	D(10*ISO-)	38032700D
	PROTOTYPE	
*RNF7031 F_RCVPGMMSG	DS(4272)	18010900D
	PROTOTYPE	
*RNF7031 F_RCVPGMMSGOBJ	DS(549)	18019700D
	PROTOTYPE	
*RNF7031 F_REPLACE	A(4096)	38009000D
	VARYING	
	PROTOTYPE	
*RNF7031 F_RIGHT	A(4096)	38004600D
	VARYING	
	PROTOTYPE	
*RNF7031 F_RMVKEYWORD	A(4096)	38017600D
	VARYING	
	PROTOTYPE	
*RNF7031 F_RMVQUOTES	A(4096)	38018500D
	VARYING	
	PROTOTYPE	
*RNF7031 F_RPLUNPRTCHARS	A(4096)	38030900D
	VARYING	
	PROTOTYPE	
*RNF7031 F_RTVMBRD	A(1024)	30005400D
	PROTOTYPE	

*RNF7031 F_RTVMSGHELPTTEXT	A(4096) VARYING PROTOTYPE	18015300D			
*RNF7031 F_RTVMSGHELPTTEXTRAW...	A(4096) VARYING PROTOTYPE	18017600D			
*RNF7031 F_RTVMSGTEXT	A(4096) VARYING PROTOTYPE	18014200D			
*RNF7031 F_RTVMSGTEXTRAW	A(4096) VARYING PROTOTYPE	18016500D			
*RNF7031 F_RTVOBJD	A(1024) PROTOTYPE	30004100D			
*RNF7031 F_RTVSYSVAL_CHAR	A(4096) VARYING PROTOTYPE	69000600D			
*RNF7031 F_RTVSYSVAL_NUM	P(15,5) PROTOTYPE	69001600D			
*RNF7031 F_RTVUSRSPCPTR	*(16) PROTOTYPE	30009800D			
*RNF7031 F_SCANR	I(5,0) PROTOTYPE	38024100D			
*RNF7031 F_SETENVVAR	N(1) PROTOTYPE	48006000D			
*RNF7031 F_SETERRNO	PROTOTYPE	25004700D			
*RNF7031 F_SNDPGMMSG	A(4) PROTOTYPE	18009500D			
*RNF7031 F_SPACE	A(4096) VARYING PROTOTYPE	38006400D			
*RNF7031 F_STARTSWITH	N(1) PROTOTYPE	38002700D			
*RNF7031 F_STARTSWITHIGNORECASE...	N(1) PROTOTYPE	38003700D			
*RNF7031 F_STRERROR	A(128) VARYING PROTOTYPE	25005500D			
*RNF7031 F_THIS	A(256) VARYING PROTOTYPE	28001600D			
*RNF7031 F_UCASE	A(4096) VARYING PROTOTYPE	38008100D			
*RNF7031 F_VAL	F(8) PROTOTYPE	38010900D			
*RNF7031 F_WORDWRAP	A(4096) VARYING PROTOTYPE	38012100D			
FD	I(10,0)	005400D 031500	030100M 031600	030200	031000
*RNF7031 FILE_FIXPATH	A(254) VARYING PROTOTYPE	11003400D			
*RNF7031 FILE_GETNAME	A(254) VARYING	11002600D			

	FILEBUFFER	PROTOTYPE				
		A(65000)	005700D	031100	031200	032100
*RNF7031	FILTER_NEW	*(16)	13078200D			
		PROTOTYPE				
*RNF7031	FILTER_NULL	*(16)	13080100D			
		PROTOTYPE				
*RNF7031	FILTER_SETNEXT	PROTOTYPE	13081600D			
*RNF7031	FLOAT_T	F(4)	72001500D			
		BASED(PDUMMY)				
*RNF7031	FREE	PROTOTYPE	72025300D			
*RNF7031	FSTAT	I(10,0)	72037000D			
		PROTOTYPE				
*RNF7031	FTRUNCATE	I(10,0)	72065900D			
		PROTOTYPE				
	FULL_ELEM_DATA	CONST	16099600D			
*RNF7031	GENUUID	PROTOTYPE	72089400D			
*RNF7031	GETCWD	*(16)	72051100D			
		PROTOTYPE				
*RNF7031	GETENV	*(16)	72087300D			
		PROTOTYPE				
*RNF7031	GETSEED	I(10,0)	72026600D			
		PROTOTYPE				
*RNF7031	HANDLE_DELETE	PROTOTYPE	53005200D			
*RNF7031	HANDLE_GETPOINTER	*(16)	53004400D			
		PROTOTYPE				
*RNF7031	HANDLE_HANDLE_T	I(10,0)	53000500D	53001100	53002000	53003100
		BASED(PDUMMY)	53003900	53004800	53005600	
*RNF7031	HANDLE_ISNULL	N(1)	53002700D			
		PROTOTYPE				
*RNF7031	HANDLE_ISTYPEOF	N(1)	53003500D			
		PROTOTYPE				
	HANDLE_ITEMS	CONST	16099100D			
*RNF7031	HANDLE_NEW	I(10,0)	53001100D			
		PROTOTYPE				
*RNF7031	HANDLE_NULL	I(10,0)	53002000D			
		PROTOTYPE				
*RNF7031	HANDLE_TYPE_T	A(20)	53000700D	53001500	53004000	
		BASED(PDUMMY)				
*RNF7031	HEADERS_T	DS(1538)	5011400D			
		BASED(PDUMMY)				
*RNF7031	CONTENTTYPE	A(1024)	5011500D			
		VARYING				
*RNF7031	SOAPACTION	A(510)	5011600D			
		VARYING				
	HTTP_API_DEFAULT_LOG_FILE...					
		CONST	5000800D			
	HTTP_ASCII	CONST	2006500D			
	HTTP_ATHTYP	CONST	1212600D			
	HTTP_ATHVAL	CONST	1212800D			
	HTTP_AUTH_BASIC	CONST	1221100D			
	HTTP_AUTH_MD5_DIGEST...					
		CONST	1221300D			
	HTTP_AUTH_NONE	CONST	1220900D			
	HTTP_AUTH_NTLM	CONST	1221500D			
	HTTP_BADCNN	CONST	1208900D			
	HTTP_BADPNT	CONST	1214000D			
	HTTP_BADURL	CONST	1208300D			
	HTTP_BRRECV	CONST	1213400D			

	HTTP_BRSELE	CONST	1213600D
	HTTP_BRTIME	CONST	1213200D
*RNF7031	HTTP_BUILD SOCKADDR...		
	I(10,0)		1030300D
	PROTOTYPE		
	HTTP_BWSELE	CONST	1215800D
	HTTP_BWSEND	CONST	1215600D
	HTTP_BWTIME	CONST	1216000D
	HTTP_BWTIMO	CONST	1217200D
	HTTP_CCSD	CONST	2007800D
	HTTP_CKDUMP	CONST	1218600D
	HTTP_CKOPEN	CONST	1218800D
	HTTP_CKSTAT	CONST	1219000D
*RNF7031	HTTP_CLOSE	I(10,0)	1031700D
	PROTOTYPE		
	HTTP_CNNTIMO	CONST	1209100D
*RNF7031	HTTP_COMP	PROTOTYPE	1174300D
	HTTP_CONTTYPE	CONST	2004400D
	HTTP_CONVERR	CONST	1219200D
	HTTP_COOKIE_DEFAULT...		
	CONST		2010800D
*RNF7031	HTTP_COOKIE_FILE	PROTOTYPE	1173300D
*RNF7031	HTTP_CRASH	PROTOTYPE	1176000D
*RNF7031	HTTP_DCLOSE	PROTOTYPE	1200400D
*RNF7031	HTTP_DEBUG	PROTOTYPE	1150100D
*RNF7031	HTTP_DEBUG_FILE	A(500)	2011400D
	VARYING		
*RNF7031	HTTP_DIAG	PROTOTYPE	1175200D
*RNF7031	HTTP_DMSG	PROTOTYPE	1199100D
*RNF7031	HTTP_DWRITE	PROTOTYPE	1197100D
	HTTP_EBCDIC	CONST	2006400D
*RNF7031	HTTP_ERROR	A(80)	1032900D
	PROTOTYPE		
*RNF7031	HTTP_ESCAPEXML	A(4096)	1191700D
	VARYING		
	PROTOTYPE		
	HTTP_FDOPEN	CONST	1210000D
	HTTP_FDSTAT	CONST	1217600D
*RNF7031	HTTP_GET	I(10,0)	1007200D
	PROTOTYPE		
*RNF7031	HTTP_GET_XML	I(10,0)	1087000D
	PROTOTYPE		
*RNF7031	HTTP_GET_XMLTF	I(10,0)	1092900D
	PROTOTYPE		
*RNF7031	HTTP_GETAUTH	I(10,0)	1044100D
	PROTOTYPE		
	HTTP_GSKAPPID	CONST	1210200D
	HTTP_GSKATYP	CONST	1210400D
	HTTP_GSKENVI	CONST	1210600D
	HTTP_GSKENVO	CONST	1210800D
	HTTP_GSKKEYF	CONST	1218200D
	HTTP_GSKSTYP	CONST	1211000D
*RNF7031	HTTP_HEADER	A(32500)	1170000D
	VARYING		
	PROTOTYPE		
	HTTP_HOSTNF	CONST	1208500D
	HTTP_IFOPEN	CONST	1218000D
	HTTP_IFSMODE	CONST	2009300D

	HTTP_ILLSWC	CONST	1219800D
	HTTP_INVPTR	CONST	1215200D
*RNF7031	HTTP_LONG_PARSEURL...		
	I(10,0)		1070100D
	PROTOTYPE		
	HTTP_LRRECV	CONST	1216200D
	HTTP_LRSELE	CONST	1216400D
	HTTP_LRTIME	CONST	1216600D
*RNF7031	HTTP_MFD_ENCODER_ADDSTMF...		
	N(1)		1147400D
	PROTOTYPE		
*RNF7031	HTTP_MFD_ENCODER_ADDVAR...		
	N(1)		1143700D
	PROTOTYPE		
*RNF7031	HTTP_MFD_ENCODER_ADDVAR_S...		
	N(1)		1145500D
	PROTOTYPE		
*RNF7031	HTTP_MFD_ENCODER_CLOSE...		
	PROTOTYPE		1148800D
*RNF7031	HTTP_MFD_ENCODER_OPEN...		
	*(16)		1141900D
	PROTOTYPE		
	HTTP_MUTABLE	CONST	1218400D
	HTTP_NDAUTH	CONST	1212400D
*RNF7031	HTTP_NEXTXMLATTR	N(1)	1190200D
	PROTOTYPE		
	HTTP_NOAUTH	CONST	1213000D
	HTTP_NOCDRIV	CONST	1217000D
	HTTP_NODATA	CONST	1215000D
	HTTP_NOMEM	CONST	1214800D
	HTTP_NOSPAC	CONST	1215400D
	HTTP_NOTREG	CONST	1212200D
	HTTP_NOTSUPP	CONST	1216800D
*RNF7031	HTTP_PARSE_XML_STMF...		
	I(10,0)		1168000D
	PROTOTYPE		
*RNF7031	HTTP_PARSE_XML_STRING...		
	I(10,0)		1188000D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_FREE	I(10,0)	1207500D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_GET_END_CB...	*(16) PROCPTR	1185100D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_GET_START_CB...	*(16) PROCPTR	1184200D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_GET_USERDATA...	*(16)	1186000D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_INIT	PROTOTYPE	1204200D
*RNF7031	HTTP_PARSER_PARSECHUNK...		
	I(10,0)		1206200D
	PROTOTYPE		
*RNF7031	HTTP_PARSER_SWITCH_CB...		
	I(10,0)		1182900D
	PROTOTYPE		
*RNF7031	HTTP_PARSEURL	I(10,0)	1028000D

	PROTOTYPE	
*RNF7031	HTTP_PERSIST_CLOSE...	
	I(10,0)	1139600D
	PROTOTYPE	
*RNF7031	HTTP_PERSIST_GET	1124200D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_PERSIST_OPEN	1120700D
	*(16)	
	PROTOTYPE	
*RNF7031	HTTP_PERSIST_POST	1130600D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_PERSIST_REQ	1136800D
	I(10,0)	
	PROTOTYPE	
	HTTP_POINT_ADDL_HEADER...	
	CONST	1226600D
	HTTP_POINT_CERT_VAL...	
	CONST	1230700D
	HTTP_POINT_DEBUG	1223100D
	CONST	
	HTTP_POINT_DOWNLOAD_STATUS...	
	CONST	1225500D
	HTTP_POINT_GSKIT_CERT_VAL...	
	CONST	1232400D
	HTTP_POINT_PARSE_HDR_LONG...	
	CONST	1228600D
	HTTP_POINT_PARSE_HEADER...	
	CONST	1227600D
	HTTP_POINT_UPLOAD_STATUS...	
	CONST	1224300D
*RNF7031	HTTP_POST	1013500D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_POST_STMF	1081000D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_POST_STMF_XML...	
	I(10,0)	1110800D
	PROTOTYPE	
*RNF7031	HTTP_POST_STMF_XMLTF...	
	I(10,0)	1117500D
	PROTOTYPE	
*RNF7031	HTTP_POST_XML	1099400D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_POST_XMLTF	1105600D
	I(10,0)	
	PROTOTYPE	
*RNF7031	HTTP_PROXY_GETAUTH...	
	I(10,0)	1051300D
	PROTOTYPE	
*RNF7031	HTTP_PROXY_SETAUTH...	
	I(10,0)	1048800D
	PROTOTYPE	
	HTTP_PXNDAUTH	1219600D
	CONST	
	HTTP_RDCRLF	1213800D
	CONST	
	HTTP_RDWERR	1209600D
	CONST	
*RNF7031	HTTP_REDIR_LOC	1054400D
	A(1024)	
	VARYING	
	PROTOTYPE	
	HTTP_REGERR	1211200D
	CONST	
	HTTP_RESP	1209300D
	CONST	
*RNF7031	HTTP_SELECT_COMMDRIVER...	
	*(16)	1071900D
	PROTOTYPE	



*RNF7031	HTTP_SET_100_TIMEOUT...	PROTOTYPE	1164000D			
	HTTP_SETATTR	CONST	1219400D			
*RNF7031	HTTP_SETAUTH	I(10,0)	1045800D			
		PROTOTYPE				
*RNF7031	HTTP_SETCCSIDS	I(10,0)	1151700D			
		PROTOTYPE				
*RNF7031	HTTP_SETFILECCSID	PROTOTYPE	1155600D			
*RNF7031	HTTP_SETPROXY	I(10,0)	1047200D			
		PROTOTYPE				
*RNF7031	HTTP_SETTABLES	I(10,0)	1153300D			
		PROTOTYPE				
	HTTP_SOCERR	CONST	1208700D			
	HTTP_SSLGCI	CONST	1220000D			
	HTTP_SSLVAL	CONST	1220200D			
	HTTP_SSOPEN	CONST	1211400D			
	HTTP_SSPROT	CONST	1214200D			
	HTTP_SSPSET	CONST	1214600D			
	HTTP_SSPUNK	CONST	1214400D			
	HTTP_SSSNFD	CONST	1211600D			
	HTTP_SSSNTO	CONST	1211800D			
	HTTP_SSTIMO	CONST	1212000D			
	HTTP_STMF_CALC	CONST	1168800D			
	HTTP_SWCERR	CONST	1217400D			
*RNF7031	HTTP_TEMPFILE	A(40)	1176800D			
		VARYING				
		PROTOTYPE				
	HTTP_TIMEOUT	CONST	2003100D			
*RNF7031	HTTP_URL_ENCODER	*(16)	1055600D	1055800	1058000	1060400
			1063000	1065200	1067100	
*RNF7031	HTTP_URL_ENCODER_ADDVAR...					
		N(1)	1057900D			
		PROTOTYPE				
*RNF7031	HTTP_URL_ENCODER_ADDVAR_S...					
		N(1)	1067000D			
		PROTOTYPE				
*RNF7031	HTTP_URL_ENCODER_FREE...					
		N(1)	1065100D			
		PROTOTYPE				
*RNF7031	HTTP_URL_ENCODER_GETPTR...					
		PROTOTYPE	1060300D			
*RNF7031	HTTP_URL_ENCODER_GETSTR...					
		A(32767)	1062900D			
		VARYING				
		PROTOTYPE				
*RNF7031	HTTP_URL_ENCODER_NEW...					
		*(16)	1055800D			
		PROTOTYPE				
*RNF7031	HTTP_URL_GET	I(10,0)	1009000D			
		PROTOTYPE				
*RNF7031	HTTP_URL_GET_RAW	I(10,0)	1019700D			
		PROTOTYPE				
*RNF7031	HTTP_URL_GET_XML	I(10,0)	1089100D			
		PROTOTYPE				
*RNF7031	HTTP_URL_POST	I(10,0)	1015300D			
		PROTOTYPE				
*RNF7031	HTTP_URL_POST_RAW	I(10,0)	1024200D			
		PROTOTYPE				

*RNF7031	HTTP_URL_POST_RAW2...	I(10,0)	1074800D			
		PROTOTYPE				
*RNF7031	HTTP_URL_POST_STMF...	I(10,0)	1079300D			
		PROTOTYPE				
*RNF7031	HTTP_URL_POST_STMF_XML...	I(10,0)	1112800D			
		PROTOTYPE				
*RNF7031	HTTP_URL_POST_XML	I(10,0)	1101500D			
		PROTOTYPE				
*RNF7031	HTTP_USE_COOKIES	PROTOTYPE	1171500D			
	HTTP_USERAGENT	CONST	2003700D			
	HTTP_XFRENC	CONST	1209800D			
*RNF7031	HTTP_XLATE	I(10,0)	1157000D			
		PROTOTYPE				
*RNF7031	HTTP_XLATEDYN	I(10,0)	1160400D			
		PROTOTYPE				
*RNF7031	HTTP_XLATEP	I(10,0)	1158700D			
		PROTOTYPE				
	HTTP_XML_CALC	CONST	1168700D			
*RNF7031	HTTP_XML_SETCCSIDS...	I(10,0)	1165500D			
		PROTOTYPE				
	HTTP_XMLERR	CONST	1217800D			
*RNF7031	HTTP_XMLNS	PROTOTYPE	1177700D			
*RNF7031	HTTP_XMLRETURNPTR	PROTOTYPE	1179100D			
*RNF7031	HTTP_XMLRETURNUCS	PROTOTYPE	1202200D			
*RNF7031	HTTP_XMLSTRIPCRLF	PROTOTYPE	1180700D			
*RNF7031	HTTP_XPROC	I(10,0)	1053200D			
		PROTOTYPE				
	HTTPAPI_RELDATE	CONST	1003500D			
	HTTPAPI_VERSION	CONST	1003300D			
	I	I(10,0)	004600D	026100M	026400M	026700
			026800	027100M	027100	027400M
			027400	027800	028000	
*RNF7031	ICONV	U(10,0)	72034800D			
		PROTOTYPE				
*RNF7031	ICONV_CLOSE	I(10,0)	72035900D			
		PROTOTYPE				
*RNF7031	ICONV_FROMCODE_T	DS(32)	72031300D			
		BASED(PDUMMY)				
*RNF7031	CCSID	A(5)	72031500D			
*RNF7031	CONVALT	A(3)	72031600D			
*RNF7031	ERROPTION	A(1)	72032000D			
*RNF7031	IBMCCSID	A(8)	72031400D			
*RNF7031	INPLENGTHOPT	A(1)	72031900D			
*RNF7031	RESERVED	A(12)	72032100D			
*RNF7031	SHIFTSTATEALT	A(1)	72031800D			
*RNF7031	SUBSTALT	A(1)	72031700D			
*RNF7031	ICONV_OPEN	A(52)	72030300D			
		PROTOTYPE				
*RNF7031	ICONV_T	DS(52)	72030400	72030800D	72033200	72034900
		BASED(PDUMMY)	72036000	16042000		
*RNF7031	CD(12)	I(10,0)	72031000D			
*RNF7031	RETURN_VALUE	I(10,0)	72030900D			
*RNF7031	ICONV_TOCODE_T	DS(32)	72032400D			
		BASED(PDUMMY)				

*RNF7031	CCSID	A(5)	72032600D			
*RNF7031	IBMCCSID	A(8)	72032500D			
*RNF7031	RESERVED	A(19)	72032700D			
	IFPATH	A(250)	004300D	025300M	025400	
	IFS	A(256)	005500D	027800M	028000M	028500
		VARYING	030100			
*RNF7031	IFS_TMPNAM	*(16)	72027900D			
		PROTOTYPE				
	IFSFILE	A(256)	006800D	025400M	025900	026700
			026800	027800	028000	
*RNF7031	INT_T	I(10,0)	72001100D			
		BASED(PDUMMY)				
	ISQUOTED	N(1)	004800D	026000M	026300M	026900
			027000	027700		
*RNF7031	JOB_GETTCPIPADDR	A(15)	11001000D			
		VARYING				
		PROTOTYPE				
*RNF7031	JOB_ISBATCH	N(1)	11001900D			
		PROTOTYPE				
	L_TMPNAM	CONST	72028200D			
*RNF7031	LAYOUT_NEW	*(16)	13066400D			
		PROTOTYPE				
*RNF7031	LAYOUT_NULL	*(16)	13068200D			
		PROTOTYPE				
*RNF7031	LOCALTIME	*(16)	72005600D			
		PROTOTYPE				
*RNF7031	LOCALTIME_R	*(16)	72006100D			
		PROTOTYPE				
*RNF7031	LOGGER_ADDAPPENDER...					
		PROTOTYPE	13076500D			
*RNF7031	LOGGER_DEBUG	PROTOTYPE	13018800D			
*RNF7031	LOGGER_DEBUGMSG	PROTOTYPE	13020500D			
*RNF7031	LOGGER_ERROR	PROTOTYPE	13029000D			
*RNF7031	LOGGER_ERRORMSG	PROTOTYPE	13030700D			
*RNF7031	LOGGER_FATAL	PROTOTYPE	13032400D			
*RNF7031	LOGGER_FATALMSG	PROTOTYPE	13034100D			
*RNF7031	LOGGER_FORCEDLOG	PROTOTYPE	13035800D			
*RNF7031	LOGGER_FORCEDLOGMSG...					
		PROTOTYPE	13037600D			
*RNF7031	LOGGER_GETINTERNALDEBUGMODE...					
		A(10)	13056000D			
		VARYING				
		PROTOTYPE				
*RNF7031	LOGGER_GETINTERNALDEBUGOUTPUT...					
		A(10)	13057500D			
		VARYING				
		PROTOTYPE				
*RNF7031	LOGGER_GETLOGGER	*(16)	13017200D			
		PROTOTYPE				
*RNF7031	LOGGER_GETNAME	A(128)	13047800D			
		VARYING				
		PROTOTYPE				
*RNF7031	LOGGER_GETROOTLOGGER...					
		*(16)	13015700D			
		PROTOTYPE				
*RNF7031	LOGGER_INFO	PROTOTYPE	13022200D			
*RNF7031	LOGGER_INFOMSG	PROTOTYPE	13023900D			
*RNF7031	LOGGER_ISDEBUGENABLED...					

	N(1)	13039400D			
	PROTOTYPE				
*RNF7031	LOGGER_ISERRORENABLED...				
	N(1)	13044500D			
	PROTOTYPE				
*RNF7031	LOGGER_ISFATALENABLED...				
	N(1)	13046200D			
	PROTOTYPE				
*RNF7031	LOGGER_ISINFOENABLED...				
	N(1)	13041100D			
	PROTOTYPE				
*RNF7031	LOGGER_ISLOGGING	13014200D			
	N(1)				
	PROTOTYPE				
*RNF7031	LOGGER_ISNULL	13049400D			
	N(1)				
	PROTOTYPE				
*RNF7031	LOGGER_ISWARNENABLED...				
	N(1)	13042800D			
	PROTOTYPE				
*RNF7031	LOGGER_NULL	13051000D			
	*(16)				
	PROTOTYPE				
*RNF7031	LOGGER_SETINTERNALDEBUGGING...				
	PROTOTYPE	13054200D			
*RNF7031	LOGGER_SETLEVEL	13052500D			
	PROTOTYPE				
*RNF7031	LOGGER_SETLOGGING	13012600D			
	N(1)				
	PROTOTYPE				
*RNF7031	LOGGER_WARN	13025600D			
	PROTOTYPE				
*RNF7031	LOGGER_WARNMSG	13027300D			
	PROTOTYPE				
*RNF7031	LOG4RPG_APPENDERNAME_T...				
	A(32)	13005200D	13070800		
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_DEBUGMODE_T...				
	A(10)	13004100D	13055300	13056000	
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_DEBUGOUTPUT_T...				
	A(10)	13004300D	13055400	13057500	
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_FILTERNAME_T...				
	A(32)	13005600D	13079300		
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_FOOTER_T	13002300D			
	A(4096)				
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_FORMATTEDTEXT_T...				
	A(4096)	13002700D			
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_HEADER_T	13002000D	13002300		
	A(4096)				
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_HLOGGER_T	13003700D	13015700	13017200	13019900
	*(16)	13021600	13023300	13025000	13026700
	BASED(PDUMMY)	13028400	13030100	13031800	13033500
		13035200	13036900	13038700	13040500
		13042200	13043900	13045600	13047300

		13048900	13050500	13051000	13053600
		13077600			
*RNF7031	LOG4RPG_IMPLCLASS_T...				
	A(128)	13004700D	13067500	13070900	13079400
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_LEVEL_T	13003300D	13037000	13038800	13053700
	A(10)				
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_LOGGERNAME_T...				
	A(128)	13003900D	13018300	13047800	
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_MSG_T	13001700D	13021700	13025100	13028500
	DS(549)	13031900	13035300	13038900	
	BASED(PDUMMY)				
*RNF7031	LOG4RPG_PAPPENDER_T...				
	*(16)	13005000D	13069700	13071600	13074200
	BASED(PDUMMY)	13075900	13077700		
*RNF7031	LOG4RPG_PATH_T	13004500D	13062300	13064200	11004600
	A(256)				
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LOG4RPG_PFILTER_T	13005400D	13076000	13078200	13080100
	*(16)	13082700	13082800		
*RNF7031	LOG4RPG_PLAYOUT_T	13005800D	13066400	13068200	13074300
	*(16)				
	BASED(PDUMMY)				
*RNF7031	LOG4RPG_PRIORITY_T...				
	I(10,0)	13003500D			
	BASED(PDUMMY)				
*RNF7031	LOG4RPG_STARTLOGGINGSERVICE...				
	PROTOTYPE	11004200D			
*RNF7031	LOG4RPG_TEXT_T	13001400D	13020000	13023400	13026800
	A(2048)	13030200	13033600	13037100	
	BASED(PDUMMY)				
	VARYING				
*RNF7031	LONG_T	72001300D			
	I(10,0)				
	BASED(PDUMMY)				
*RNF7031	LSEEK	72066500D			
	I(10,0)				
	PROTOTYPE				
*RNF7031	LSTAT	72037600D			
	I(10,0)				
	PROTOTYPE				
*RNF7031	MALLOC	72024400D			
	*(16)				
	PROTOTYPE				
*RNF7031	MATPTR	35018700D			
	I(10,0)				
	PROTOTYPE				
*RNF7031	MATPTR_SPACEPTR_TPL_T...				
	DS(88)	35019800D			
	BASED(PDUMMY)				
*RNF7031	BASEINF	35019900D			
	DS(9)				
*RNF7031	CONTEXTID	35020000D			
	A(32)				
*RNF7031	CONTEXTNAME	35020400D			
	A(30)				
*RNF7031	CONTEXTSUBTYPE	35020300D			
	A(1)				
*RNF7031	CONTEXTTYPE	35020100D			
	A(1)				
*RNF7031	EXTOFFSPACE	35021300D			
	I(20,0)				
*RNF7031	OBJECTID	35020500D			
	A(32)				
*RNF7031	OBJECTNAME	35020900D			
	A(30)				
*RNF7031	OBJECTSUBTYPE	35020800D			
	A(1)				
*RNF7031	OBJECTTYPE	35020600D			
	A(1)				
*RNF7031	OFFSPACE	35021000D			
	I(10,0)				
*RNF7031	PTRTRAGETINF	35021100D			
	A(2)				

*RNF7031	RESERVED_1	A(1)	35021200D	
*RNF7031	MATPTR_TPL_T	DS(9)	35019200D	35019900
		BASED(PDUMMY)		
*RNF7031	BYTAVL	I(10,0)	35019400D	
*RNF7031	BYTPRV	I(10,0)	35019300D	
*RNF7031	TYPE	A(1)	35019500D	
*RNF7031	MBRD0100_T	DS(135)	33000600D	
		BASED(PDUMMY)		
*RNF7031	ATTR	A(10)	33001200D	
*RNF7031	BYTEAVL	I(10,0)	33000800D	
*RNF7031	BYTEPRV	I(10,0)	33000700D	
*RNF7031	CHGDATTIM	A(13)	33001500D	
*RNF7031	CRTDATTIM	A(13)	33001400D	
*RNF7031	FILLIB	A(10)	33001000D	
*RNF7031	FILNME	A(10)	33000900D	
*RNF7031	ISSRCFILE	A(1)	33001700D	
*RNF7031	MBR	A(10)	33001100D	
*RNF7031	SRCTYP	A(10)	33001300D	
*RNF7031	TEXT	A(50)	33001600D	
*RNF7031	MBRD0200_T	DS(266)	34000600D	
		BASED(PDUMMY)		
*RNF7031	ACCPHSIZE	I(10,0)	34002600D	
*RNF7031	ACCPHSIZEMULT	I(10,0)	34003800D	
*RNF7031	ATTR	A(10)	34001200D	
*RNF7031	BYTEAVL	I(10,0)	34000800D	
*RNF7031	BYTEPRV	I(10,0)	34000700D	
*RNF7031	CHGDATTIM	A(13)	34001500D	
*RNF7031	CRTDATTIM	A(13)	34001400D	
*RNF7031	DATELASTUSED	A(7)	34003400D	
*RNF7031	DTASPCSIZE	I(10,0)	34002500D	
*RNF7031	DTASPCSIZEMULT	I(10,0)	34003700D	
*RNF7031	FILLIB	A(10)	34001000D	
*RNF7031	FILNME	A(10)	34000900D	
*RNF7031	ISSRCFILE	A(1)	34001700D	
*RNF7031	LENADDINF	I(10,0)	34004100D	
*RNF7031	LGLFILE	A(1)	34002000D	
*RNF7031	MBR	A(10)	34001100D	
*RNF7031	MBRCHGDATTIM	A(13)	34002800D	
*RNF7031	MBREXPDATE	A(7)	34003100D	
*RNF7031	MBRRSTDATTIM	A(13)	34003000D	
*RNF7031	MBRSVDATTIM	A(13)	34002900D	
*RNF7031	MBRTEXTCCSID	I(10,0)	34003900D	
*RNF7031	NUMDAYSUSED	I(10,0)	34003300D	
*RNF7031	NUMDLTRCD	I(10,0)	34002400D	
*RNF7031	NUMDLTRCDU	U(10,0)	34004300D	
*RNF7031	NUMPHYMBS	I(10,0)	34002700D	
*RNF7031	NUMRCDALLMBR	I(10,0)	34002300D	
*RNF7031	NUMRCDALLMBRU	U(10,0)	34004200D	
*RNF7031	ODPSHARING	A(1)	34002100D	
*RNF7031	OFSDADDINF	I(10,0)	34004000D	
*RNF7031	RESERVED_1	A(2)	34002200D	
*RNF7031	RESERVED_2	A(6)	34003200D	
*RNF7031	RESERVED_3	A(2)	34003600D	
*RNF7031	RESERVED_4	A(6)	34004400D	
*RNF7031	RMTFILE	A(1)	34001900D	
*RNF7031	SRCTYP	A(10)	34001300D	
*RNF7031	TEXT	A(50)	34001600D	
*RNF7031	USERRESETDATE	A(7)	34003500D	

*RNF7031	MD5_T	DS(34)	37003000D	37010100		
*RNF7031	LENGTH	U(5,0)	37003100D			
*RNF7031	VALUE	A(32)	37003200D			
*RNF7031	MEMCMP	I(10,0)	72009500D			
		PROTOTYPE				
*RNF7031	MEMCPY	*(16)	72007500D			
		PROTOTYPE				
*RNF7031	MEMICMP	I(10,0)	72010100D			
		PROTOTYPE				
*RNF7031	MEMMOVE	*(16)	72008900D			
		PROTOTYPE				
*RNF7031	MEMORY_ALLOCATE	*(16)	53006000D			
		PROTOTYPE				
*RNF7031	MEMORY_FREE	PROTOTYPE	53007700D			
*RNF7031	MEMORY_FREEALL	PROTOTYPE	53006900D			
*RNF7031	MEMORYMANAGER_ALLOCATE...					
		*(16)	53009900D			
		PROTOTYPE				
*RNF7031	MEMORYMANAGER_CREATEHEAP...					
		I(10,0)	53012200D			
		PROTOTYPE				
*RNF7031	MEMORYMANAGER_DELETEHEAP...					
		PROTOTYPE	53013200D			
*RNF7031	MEMORYMANAGER_FREE...					
		PROTOTYPE	53011500D			
*RNF7031	MEMORYMANAGER_GETDEFAULTMANAGER...					
		DS(48)	53009200D			
		PROTOTYPE				
*RNF7031	MEMORYMANAGER_MANAGER_T...					
		DS(48)	53008500D	53009200		
		BASED(PDUMMY)				
*RNF7031	PALLOCATE	*(16) PROCPTR	53008600D			
*RNF7031	PFREE	*(16) PROCPTR	53008800D			
*RNF7031	PREALLOCATE	*(16) PROCPTR	53008700D			
*RNF7031	MEMORYMANAGER_REALLOCATE...					
		*(16)	53010700D			
		PROTOTYPE				
*RNF7031	MEMORYREADER_DELETE...					
		PROTOTYPE	71006600D			
*RNF7031	MEMORYREADER_NEW	I(10,0)	71004700D			
		PROTOTYPE				
*RNF7031	MEMORYREADER_READ	I(10,0)	71005600D			
		PROTOTYPE				
*RNF7031	MEMORYREADER_READPROC...					
		*(16) PROCPTR	71007400D			
		PROTOTYPE				
*RNF7031	MEMORYWRITER_DELETE...					
		PROTOTYPE	71003200D			
*RNF7031	MEMORYWRITER_NEW	I(10,0)	71001300D			
		PROTOTYPE				
*RNF7031	MEMORYWRITER_WRITE...					
		I(10,0)	71002200D			
		PROTOTYPE				
*RNF7031	MEMORYWRITER_WRITEPROC...					
		*(16) PROCPTR	71004000D			
		PROTOTYPE				
*RNF7031	MEMRDR_HANDLE_T	I(10,0)	71000900D	71004700	71006000	71007000
		BASED(PDUMMY)				

*RNF7031	MEMSET	*(16)	72008100D			
		PROTOTYPE				
*RNF7031	MEMWTR_HANDLE_T	I(10,0)	71000700D	71001300	71002600	71003600
		BASED(PDUMMY)				
	MI_LIBRARY	CONST	35002600D			
	MI_PROGRAM	CONST	35002500D			
*RNF7031	MI_TIME_T	A(8)	35026300D	35028000	35028500	
	MI_USRIDX	CONST	35002900D			
	MI_USRQ	CONST	35002800D			
	MI_USRSPC	CONST	35002700D			
*RNF7031	MITIME	*(16)	35028400D			
		PROTOTYPE				
*RNF7031	MKDIR	I(10,0)	72054000D			
		PROTOTYPE				
	MSG	A(52)	006500D	032800M	033000	
	MSG_T	DS(549)	14000700D	13001700	18007800	18008200
		BASED(PDUMMY)	18008600	18008800	18009000	18009900
			18010400	18012100	18013600	18014600
			18014700	18015700	18015900	18016900
			18017000	18018000	18018200	18018700
			18019200	18019700	18020900	18022100
			25002500	25006300	30004900	30006200
			30009300	30010400	30011500	30012700
			30013800	30015000	30016200	30017400
			30018500	30019600	30020700	48004700
			69001100	69002100	15001200	15002000
			15003000	15004000	15004400	15004800
			15004900	15005100	15005600	15006000
			15006100	15006900	15007700	15008600
			15008700	15009600	15009700	15010100
			15011200			
*RNF7031	DATA	A(512)	14001300D	15004900	15005100	15006100
			15008700	15009700		
*RNF7031	FILE	A(10)	14001500D	18008800		
*RNF7031	ID	DS(7)	14000900D	18008200	15004800	15006000
			15008600	15009600		
*RNF7031	LIB	A(10)	14001600D	18009000		
*RNF7031	TYPE	A(10)	14001400D	18008600	18019200	
*RNF7031	MSGID_T	DS(7)	14000900	14001900D		
		BASED(PDUMMY)				
*RNF7031	NBR	S(4,0)	14002100D			
*RNF7031	PREFIX	A(3)	14002000D			
*RNF7031	MYDATE	D(10*ISO-)	007100D			
*RNF7031	MYTIME	T(8*ISO.)	007200D			
	O_APPEND	CONST	72062500D			
	O_CSID	CONST	72063100D			
	O_CODEPAGE	CONST	72062700D			
	O_CREAT	CONST	72062100D			
	O_EXCL	CONST	72062200D			
	O_FORCE_SCAN	CONST	72062900D			
	O_INHERITMODE	CONST	72063000D			
	O_RDONLY	CONST	72063900D	030100		
	O_RDWR	CONST	72064100D			
	O_SHARE_NONE	CONST	72063700D			
	O_SHARE_RDONLY	CONST	72063400D			
	O_SHARE_RDWR	CONST	72063600D			
	O_SHARE_WRONLY	CONST	72063500D			
	O_TEXT_CREAT	CONST	72063200D			



	O_TEXTDATA	CONST	72062800D			
	O_TRUNC	CONST	72062300D			
	O_WROONLY	CONST	72064000D			
*RNF7031	OBJD0100_T	DS(90)	32000700D			
		BASED(PDUMMY)				
*RNF7031	AUXSTGP	I(10,0)	32001400D			
*RNF7031	BYTAVL	I(10,0)	32000900D			
*RNF7031	BYTRET	I(10,0)	32000800D			
*RNF7031	CHGDATTIM	A(13)	32001800D			
*RNF7031	CRTDATTIM	A(13)	32001700D			
*RNF7031	DOMAIN	A(2)	32001600D			
*RNF7031	LIB	A(10)	32001100D			
*RNF7031	NAME	A(10)	32001000D			
*RNF7031	OWNER	A(10)	32001500D			
*RNF7031	RTNLIB	A(10)	32001300D			
*RNF7031	TYPE	A(10)	32001200D			
*RNF7031	OFF_T	I(10,0)	72052700D	72066100	72066500	72066700
		BASED(PDUMMY)				
	OPEN	I(10,0)	72059300D	030100		
		PROTOTYPE				
*RNF7031	OPENDIR	*(16)	72055100D			
		PROTOTYPE				
*RNF7031	OPERATINGSYSTEM_GETRELEASE...	A(6)	11005300D			
		PROTOTYPE				
*RNF7031	ORSTR	PROTOTYPE	35024100D			
	OUTPUTTEXT	A(50)	007700D	034200	034700	034800
			035400	035500	036000	036100
			036600	036700	037200	037300
			037700	037800		
*RNF7031	P_ASSERT	PROTOTYPE	28000600D			
*RNF7031	P_RMVPGMMSG	PROTOTYPE	18012600D			
*RNF7031	P_SETAPPMMSGFILE	PROTOTYPE	18006900D			
	P_STATDS	*(16)	014300D	014400	028400M	028500
*RNF7031	P_WAIT	PROTOTYPE	48009200D			
	PARAMETERS	DS(1178)	012600D	019000M	019100M	019200M
			019300M	019400M	019500M	019600M
			019700M	019800M	019900M	020000M
			020500			
			020000			
	CONTENIDO	A(128)				
		VARYING				
	CONTENIDOBYTE	A(128)	019900			
		VARYING				
	DESTINO	A(128)	019500			
		VARYING				
	DOMINIO	A(128)	019200			
		VARYING				
	ESARCHVIO	I(10,0)	019700			
	ID	I(10,0)	019600			
	NAMEARCHIVO	A(128)	019800			
		VARYING				
	ORIGEN	A(128)	019400			
		VARYING				
	PASSWORD	A(128)	019100			
		VARYING				
	TIPOARCHIVO	A(128)	019300			
		VARYING				
	USERNAME	A(128)	019000			

	VARYING				
*RNF7031	PATHDATE	S(8,0)	007800D		
*RNF7031	PATHFILE	A(250)	004400D		
	PDUMMY	*(16)			
			5002100	5002400	5002600
			5003400	5003700	5004000
			5004600	5005000	5005300
			5005700	5009600	5009900
			5010900	5011400	5012000
			5013200	5013800	5014200
			5015400	5015800	5016000
			5017000	5017400	5017800
			5019200	5019400	5019700
			5020900	5021100	5021300
			5021700	5021900	5022100
			5022500	5022700	5022900
			5023300	5023600	5023800
			5024200	5024400	14000700
			13001400	13001700	13002000
			13002700	13003300	13003500
			13003900	13004100	13004300
			13004700	13005000	13005200
			13005600	13005800	20000700
			21008300	22000700	23000700
			26000600	31000700	32000700
			34000600	30001000	30001500
			35013700	35019200	35019800
			53000500	53000700	53008500
			57000500	57000700	60000600
			63000800	63001100	70000500
			72000800	72000900	72001000
			72001200	72001300	72001400
			72001600	72004300	72022500
			72031300	72032400	72033700
			72041700	72045300	72045800
			72052800	72052900	72053000
			72057500	72089800	72092500
			71000900	16011800	16012000
			16013200	16014100	16014800
			16016300	16016900	16017200
			16017900	16018100	16018500
			16019300	16019700	16020100
			16020700	16038200	16038600
			16039400	16039800	16040200
			16041200	16041600	16042400
			16043600	16044200	16044700
			16049600	16050300	16051400
			16052500	16053700	16054300
			16055800	16056300	16057200
			16059900	16061000	16062500
			16064100	16064700	16066100
			9007800		9006200
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_GET...	A(254)	9037200D		
		VARYING			
		PROTOTYPE			
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_GETATPOS...	DS(512)	9038500D		
		PROTOTYPE			

*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_GETFOLDER...		
	A(1024)	9042600D	
	VARYING		
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_GETNUME...		
	I(10,0)	9039700D	
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_PUT...		
	PROTOTYPE	9035800D	
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_REMOVEALL...		
	PROTOTYPE	9040700D	
*RNF7031	POSX_SERVICESOAP_ATTACHMENTS_SETFOLDER...		
	PROTOTYPE	9041700D	
*RNF7031	POSX_SERVICESOAP_ENDPOINT_GET...		
	A(32767)	9008800D	
	VARYING		
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_ENDPOINT_GETHOST...		
	A(32767)	9010500D	
	VARYING		
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_ENDPOINT_GETPORT...		
	I(10,0)	9012200D	
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_ENDPOINT_SET...		
	PROTOTYPE	9009600D	
*RNF7031	POSX_SERVICESOAP_ENDPOINT_SETHOST...		
	PROTOTYPE	9011300D	
*RNF7031	POSX_SERVICESOAP_ENDPOINT_SETPORT...		
	PROTOTYPE	9013000D	
	POSX_SERVICESOAP_ENVIAARCHIVO...		
	DS(130)	4000077D	020400
	PROTOTYPE		
	POSX_SERVICESOAP_HTTPERROR_GETCODE...		
	I(10,0)	9026600D	021600
	PROTOTYPE		
	POSX_SERVICESOAP_HTTPERROR_GETTEXT...		
	A(128)	9027400D	021800
	VARYING		
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_PORT_CLEARERRORS...		
	PROTOTYPE	9024000D	
*RNF7031	POSX_SERVICESOAP_PORT_GETHTTPDEBUG...		
	DS(503)	9017700D	
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_PORT_GETHTTPPROXY...		
	DS(260)	9015800D	
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_PORT_GETNAME...		
	A(512)	9034200D	
	VARYING		
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_PORT_GETPOSTCCSID...		
	I(10,0)	9019400D	
	PROTOTYPE		
*RNF7031	POSX_SERVICESOAP_PORT_GETTIMEOUT...		
	I(10,0)	9021300D	
	PROTOTYPE		

*RNF7031	POSX_SERVICESOAP_PORT_GETUSERAGENT...	A(256) VARYING PROTOTYPE	9023200D		
*RNF7031	POSX_SERVICESOAP_PORT_GETUUID...	A(32) PROTOTYPE	9035000D		
*RNF7031	POSX_SERVICESOAP_PORT_HASLOGINCALLBACK...	N(1) PROTOTYPE	9032400D		
*RNF7031	POSX_SERVICESOAP_PORT_INITIALIZE...	PROTOTYPE	9013900D		
	POSX_SERVICESOAP_PORT_ISERROR...	N(1) PROTOTYPE	9025800D	020900	
*RNF7031	POSX_SERVICESOAP_PORT_LOGIN...	I(10,0) PROTOTYPE	9033200D		
	POSX_SERVICESOAP_PORT_REGISTERLOGINCALLBACK...	PROTOTYPE	9031500D	017500M	
*RNF7031	POSX_SERVICESOAP_PORT_SETERRORS...	PROTOTYPE	9024900D		
	POSX_SERVICESOAP_PORT_SETHHTTPDEBUG...	PROTOTYPE	9016600D	018000M	
*RNF7031	POSX_SERVICESOAP_PORT_SETHHTTPPROXY...	PROTOTYPE	9014800D		
*RNF7031	POSX_SERVICESOAP_PORT_SETPOSTCCSID...	PROTOTYPE	9018500D		
*RNF7031	POSX_SERVICESOAP_PORT_SETTIMEOUT...	PROTOTYPE	9020300D		
*RNF7031	POSX_SERVICESOAP_PORT_SETUSERAGENT...	PROTOTYPE	9022200D		
*RNF7031	POSX_SERVICESOAP_REDIRECTRESPONSE_ISACTIVE...	N(1) PROTOTYPE	9044700D		
*RNF7031	POSX_SERVICESOAP_REDIRECTRESPONSE_TERMINATE...	PROTOTYPE	9046700D		
*RNF7031	POSX_SERVICESOAP_REDIRECTRESPONSE_TOSTMF...	PROTOTYPE	9043500D		
*RNF7031	POSX_SERVICESOAP_REDIRECTRESPONSE_WRITE...	N(1) PROTOTYPE	9045600D		
	POSX_SERVICESOAP_SOAPERROR_GETCODE...	A(256) VARYING PROTOTYPE	9028200D	022200	022400
	POSX_SERVICESOAP_SOAPERROR_GETTEXT...	A(256) VARYING PROTOTYPE	9029000D	022600	
	POSX_SERVICESOAP_SUPPLYLOGINDATA...	I(10,0) PROTOTYPE	008700D	044100	044500 047200
	POSX_SERVICESOAP_XMLERROR_GETCODE...	I(10,0) PROTOTYPE	9029800D	023100	023300
	POSX_SERVICESOAP_XMLERROR_GETTEXT...	A(256)	9030600D	023500	

	VARYING				
	PROTOTYPE				
	PREFIX_CURRENT_ITEM...				
	CONST	16099300D			
	PREFIX_NEW_ITEM	CONST	16099500D		
*RNF7031	PRINMSG	PROTOTYPE	011000D		
*RNF7031	PUTENV	I(10,0)	72087800D		
	PROTOTYPE				
	QCMD	A(350)	002300D	042200M	042800M
	QCMDLEN	P(15,5)	002400D	042900M	
*RNF7031	QLEACTBNDPGM	I(10,0)	35012900D		
	PROTOTYPE				
*RNF7031	QLEGETEXP	*(16)	35014800D		
	PROTOTYPE				
*RNF7031	QLG_ATTRARRAY_T	DS(260)	72040900	72045300D	
	BASED(PDUMMY)				
*RNF7031	ATTR(64)	I(10,0)	72045500D		
*RNF7031	NUME	I(10,0)	72045400D		
	QLG_CHAR_DOUBLE	CONST	72044600D		
	QLG_CHAR_SINGLE	CONST	72043800D		
*RNF7031	QLG_NLS_T	DS(12)	72057000	72057500D	
	BASED(PDUMMY)				
*RNF7031	CCSID	I(10,0)	72057600D		
*RNF7031	COUNTRY_ID	A(2)	72057700D		
*RNF7031	LANGUAGE_ID	A(3)	72057800D		
*RNF7031	NLS_RESERVED	A(3)	72057900D		
	QLG_PATH_JOB_CCSID...				
	CONST	72043000D			
	QLG_PATH_JOB_COUNTRYID...				
	CONST	72043200D			
	QLG_PATH_JOB_LANGUAGEID...				
	CONST	72043400D			
*RNF7031	QLG_PATH_NAME_T	DS(288)	72040800	72041700D	72050600 72051900
	BASED(PDUMMY)				
*RNF7031	CCSID	I(10,0)	72041800D		
*RNF7031	COUNTRY_ID	A(2)	72041900D		
*RNF7031	LANGUAGE_ID	A(3)	72042000D		
*RNF7031	PATH_LENGTH	I(10,0)	72042300D		
*RNF7031	PATH_NAME	A(256)	72042700D		
*RNF7031	PATH_NAME_DELIMITER...				
	A(2)	72042500D			
*RNF7031	PATH_TYPE	U(10,0)	72042200D		
*RNF7031	RESERVED	A(3)	72042100D		
*RNF7031	RESERVED2	A(10)	72042600D		
	QLG_PTR_DOUBLE	CONST	72045000D		
	QLG_PTR_SINGLE	CONST	72044200D		
*RNF7031	QLG_RTATTR_T	DS(16)	72045800D		
	BASED(PDUMMY)				
*RNF7031	ID	I(10,0)	72046000D		
*RNF7031	OFSNEXTATTR	I(10,0)	72045900D		
*RNF7031	RESERVED	A(4)	72046200D		
*RNF7031	SIZE	I(10,0)	72046100D		
*RNF7031	QLGCHDIR	I(10,0)	72051800D		
	PROTOTYPE				
*RNF7031	QLGGETCWD	*(16)	72050500D		
	PROTOTYPE				
*RNF7031	QLICVTTP	PROTOTYPE	35022500D		
*RNF7031	QOBJ_T	DS(20)	31000700D	30001300 30006700 30007400	

		BASED(PDUMMY)	38030400		
*RNF7031	LIB	A(10)	31000900D		
*RNF7031	NAME	A(10)	31000800D		
*RNF7031	QPROC_T	DS(288)	30001000D		
		BASED(PDUMMY)			
*RNF7031	MODULE	A(10)	30001200D		
*RNF7031	NAME	A(256)	30001100D		
		VARYING			
*RNF7031	QPGM	DS(20)	30001300D		
	QP0L_ATTR_ACCESS_TIME...				
	CONST		72047500D		
	QP0L_ATTR_ALLOC_SIZE...				
	CONST		72046900D		
	QP0L_ATTR_CHANGE_TIME...				
	CONST		72047700D		
	QP0L_ATTR_CHECKED_OUT...				
	CONST		72048300D		
	QP0L_ATTR_CREATE_TIME...				
	CONST		72047300D		
	QP0L_ATTR_DATA_SIZE...				
	CONST		72046700D		
	QP0L_ATTR_EXTENDED_ATTR_SIZE...				
	CONST		72047100D		
	QP0L_ATTR_LOCAL_REMOTE...				
	CONST		72048500D		
	QP0L_ATTR_MODIFY_TIME...				
	CONST		72047900D		
	QP0L_ATTR_OBJTYPE	CONST	72046500D		
	QP0L_ATTR_STG_FREE...				
	CONST		72048100D		
	QP0L_CHECKED_OUT	CONST	72049500D		
	QP0L_DONOT_FOLLOW_SYMLNK...				
	CONST		72048800D		
	QP0L_FOLLOW_SYMLNK...				
	CONST		72049000D		
	QP0L_LOCAL_OBJ	CONST	72049800D		
	QP0L_NOT_CHECKED_OUT...				
	CONST		72049300D		
	QP0L_REMOTE_OBJ	CONST	72050000D		
*RNF7031	QP0LGETATTR	I(10,0)	72040700D		
		PROTOTYPE			
*RNF7031	QP0LRENAMEKEEP	I(10,0)	72068200D		
		PROTOTYPE			
*RNF7031	QP0LRENAMEUNLINK	I(10,0)	72068800D		
		PROTOTYPE			
*RNF7031	QP0ZDLTENV	I(10,0)	72088300D		
		PROTOTYPE			
*RNF7031	QP0ZINITENV	I(10,0)	72088800D		
		PROTOTYPE			
*RNF7031	QSORT	*(16)	72028700D		
		PROTOTYPE			
*RNF7031	QTQCODE_T	DS(36)	72033300	72033400	72033700D
		BASED(PDUMMY)			
*RNF7031	CCSID	I(10,0)	72033800D		
*RNF7031	CONVERSIONA	I(10,0)	72033900D		
*RNF7031	ERROPTMXDDTA	I(10,0)	72034300D		
*RNF7031	INPLENOPT	I(10,0)	72034200D		
*RNF7031	RESERVED	A(12)	72034400D		

*RNF7031	SHIFTSTATEA	I(10,0)	72034100D			
*RNF7031	SUBSTITUTIONA	I(10,0)	72034000D			
*RNF7031	QTQICONV_OPEN	DS(52)	72033100D			
	QUOTE	PROTOTYPE				
		CONST	004900D	025900	026900	
*RNF7031	RAND	I(10,0)	72026100D			
		PROTOTYPE				
	RAND_MAX	CONST	72026300D			
	RC_ERROR	CONST	72085600D			
	RC_OK	CONST	72085500D			
*RNF7031	RCVM0200_T	DS(4272)	20000700D	18010900	18019100	18021800
		BASED(PDUMMY)				
*RNF7031	ALROPT	A(9)	20005500D			
*RNF7031	BYTAVL	I(10,0)	20001100D			
*RNF7031	BYTRET	I(10,0)	20000900D			
*RNF7031	CCSIDMH	I(10,0)	20005700D			
*RNF7031	CCSIDRD	I(10,0)	20005900D			
*RNF7031	CSTIDDT	I(10,0)	20005300D			
*RNF7031	CSTIDTX	I(10,0)	20005100D			
*RNF7031	LNMGA	I(10,0)	20006700D			
*RNF7031	LNMGHA	I(10,0)	20007100D			
*RNF7031	LNMGHR	I(10,0)	20006900D			
*RNF7031	LNMGR	I(10,0)	20006500D			
*RNF7031	LNRPDLTA	I(10,0)	20006300D			
*RNF7031	LNRPDLTR	I(10,0)	20006100D			
*RNF7031	MSGF	A(10)	20002100D			
*RNF7031	MSGID	A(7)	20001500D			
*RNF7031	MSGKEY	A(4)	20001900D			
*RNF7031	MSGLS	A(10)	20002300D			
*RNF7031	MSGLU	A(10)	20002500D			
*RNF7031	MSGSEV	I(10,0)	20001300D			
*RNF7031	MSGTYPE	A(2)	20001700D			
*RNF7031	RCVINB	A(4)	20004300D			
*RNF7031	RCVPGM	A(10)	20004100D			
*RNF7031	RCVTYP	A(1)	20004700D			
*RNF7031	RESERVED_01	A(1)	20004900D			
*RNF7031	SNDDAT	A(7)	20003700D			
*RNF7031	SNDINB	A(4)	20003500D			
*RNF7031	SNDJOB	A(10)	20002700D			
*RNF7031	SNDNBR	A(6)	20003100D			
*RNF7031	SNDPGM	A(12)	20003300D			
*RNF7031	SNDTIM	A(6)	20003900D			
*RNF7031	SNDTYP	A(1)	20004500D			
*RNF7031	SNDUSR	A(10)	20002900D			
*RNF7031	VALUE	A(4096)	20007300D			
*RNF7031	RCVM0300_T	DS(112)	21000700D			
		BASED(PDUMMY)				
*RNF7031	ALERTOPT	A(9)	21002700D			
*RNF7031	BYTAVL	I(10,0)	21001100D			
*RNF7031	BYTRET	I(10,0)	21000900D			
*RNF7031	CCSIDCONVSTATMSG...					
		I(10,0)	21003000D			
*RNF7031	CCSIDCONVSTATMSGDATA...					
		I(10,0)	21003300D			
*RNF7031	CCSIDMSGHLP	I(10,0)	21003900D			
*RNF7031	CCSIDRPLDATA	I(10,0)	21003600D			
*RNF7031	LENMSGA	I(10,0)	21005100D			
*RNF7031	LENMSGHLP	I(10,0)	21005700D			

*RNF7031	LENMSGHLPR	I(10,0)	21005400D	
*RNF7031	LENMSGR	I(10,0)	21004800D	
*RNF7031	LENRPLDATAA	I(10,0)	21004500D	
*RNF7031	LENRPLDATAR	I(10,0)	21004200D	
*RNF7031	LENSNDINFA	I(10,0)	21006300D	
*RNF7031	LENSNDINFR	I(10,0)	21006000D	
*RNF7031	MSGF	A(10)	21002100D	
*RNF7031	MSGID	A(7)	21001500D	
*RNF7031	MSGKEY	A(4)	21001900D	
*RNF7031	MSGLS	A(10)	21002300D	
*RNF7031	MSGLU	A(10)	21002500D	
*RNF7031	MSGSEV	I(10,0)	21001300D	
*RNF7031	MSGTYPE	A(2)	21001700D	
	READ	I(10,0)	72064500D	031000
		PROTOTYPE		
*RNF7031	READDIR	*(16)	72055600D	
		PROTOTYPE		
*RNF7031	REALLOC	*(16)	72024800D	
		PROTOTYPE		
*RNF7031	REWINDDIR	PROTOTYPE	72058300D	
*RNF7031	RMDIR	I(10,0)	72054600D	
		PROTOTYPE		
*RNF7031	RSLVSP	*(16) PROCPTR	35021700D	
		PROTOTYPE		
*RNF7031	RTVM0100_T	DS(2072)	22000700D	
		BASED(PDUMMY)		
*RNF7031	BYTAVL	B(9,0)	22001100D	
*RNF7031	BYTRET	B(9,0)	22000900D	
*RNF7031	DATA	A(2048)	22002100D	
*RNF7031	LENHLPVL	B(9,0)	22001900D	
*RNF7031	LENHLPRET	B(9,0)	22001700D	
*RNF7031	LENMSGAVL	B(9,0)	22001500D	
*RNF7031	LENMSGRET	B(9,0)	22001300D	
*RNF7031	RTVM0300_T	DS(4200)	23000700D	
		BASED(PDUMMY)		
*RNF7031	ALTIDX	I(10,0)	23001500D	
*RNF7031	ALTOPT	A(9)	23001700D	
*RNF7031	BYTAVL	I(10,0)	23001100D	
*RNF7031	BYTRET	I(10,0)	23000900D	
*RNF7031	CCSIDTXT	I(10,0)	23003100D	
*RNF7031	CSINDDTA	I(10,0)	23002900D	
*RNF7031	CSINDTXT	I(10,0)	23002700D	
*RNF7031	DATA	A(4096)	23005900D	
*RNF7031	LENDFTRPYA	I(10,0)	23003700D	
*RNF7031	LENDFTRPYR	I(10,0)	23003500D	
*RNF7031	LENMSG	I(10,0)	23004300D	
*RNF7031	LENMSGHLPA	I(10,0)	23004900D	
*RNF7031	LENMSGHLPR	I(10,0)	23004700D	
*RNF7031	LENMSGR	I(10,0)	23004100D	
*RNF7031	LENVARFMTA	I(10,0)	23005500D	
*RNF7031	LENVARFMTE	I(10,0)	23005700D	
*RNF7031	LENVARFMTR	I(10,0)	23005300D	
*RNF7031	LOGIN	A(1)	23001900D	
*RNF7031	MSGID	A(7)	23002100D	
*RNF7031	MSGSEV	I(10,0)	23001300D	
*RNF7031	NUMVARFMT	I(10,0)	23002500D	
*RNF7031	OFSDFTTR	I(10,0)	23003300D	
*RNF7031	OFMSG	I(10,0)	23003900D	



*RNF7031	OFSMSGHLP	I(10,0)	23004500D
*RNF7031	OFSVARFMT	I(10,0)	23005100D
*RNF7031	RESERVED_01	A(3)	23002300D
*RNF7031	RTVM0400_T	DS(4360)	24000700D
	BASED(PDUMMY)		
*RNF7031	ALTIDX	I(10,0)	24001500D
*RNF7031	ALTOPT	A(9)	24001700D
*RNF7031	BYTAVL	I(10,0)	24001100D
*RNF7031	BYTRET	I(10,0)	24000900D
*RNF7031	CCSIDTXT	I(10,0)	24003100D
*RNF7031	CRTDATE	A(7)	24010500D
*RNF7031	CRTLVLNBR	I(10,0)	24010900D
*RNF7031	CSINDDTA	I(10,0)	24002900D
*RNF7031	CSINDTXT	I(10,0)	24002700D
*RNF7031	DATA	A(4096)	24013100D
*RNF7031	DFTPGMLIB	A(10)	24012900D
*RNF7031	DFTPGMNAME	A(10)	24012700D
*RNF7031	LENDFTRPYA	I(10,0)	24003700D
*RNF7031	LENDFTRPYR	I(10,0)	24003500D
*RNF7031	LENDMPLISTEA	I(10,0)	24012500D
*RNF7031	LENDMPLISTER	I(10,0)	24012300D
*RNF7031	LENLOWRPYEA	I(10,0)	24009100D
*RNF7031	LENLOWRPYER	I(10,0)	24008900D
*RNF7031	LENMSG	I(10,0)	24004300D
*RNF7031	LENMSGHLP	I(10,0)	24004900D
*RNF7031	LENMSGHLPR	I(10,0)	24004700D
*RNF7031	LENMSGR	I(10,0)	24004100D
*RNF7031	LENRELTESTEA	I(10,0)	24010300D
*RNF7031	LENRELTESTER	I(10,0)	24010100D
*RNF7031	LENRPYE	I(10,0)	24007500D
*RNF7031	LENRPYEA	I(10,0)	24007300D
*RNF7031	LENRPYER	I(10,0)	24007100D
*RNF7031	LENSPCRPYE	I(10,0)	24008500D
*RNF7031	LENSPCRPYEA	I(10,0)	24008300D
*RNF7031	LENSPCRPYER	I(10,0)	24008100D
*RNF7031	LENVARFMTA	I(10,0)	24005500D
*RNF7031	LENVARFMTE	I(10,0)	24005700D
*RNF7031	LENVARFMTR	I(10,0)	24005300D
*RNF7031	LOGIND	A(1)	24001900D
*RNF7031	MAXRPYDECPOS	I(10,0)	24006500D
*RNF7031	MAXRPYLEN	I(10,0)	24006300D
*RNF7031	MODDATE	A(7)	24011100D
*RNF7031	MODLVLNBR	I(10,0)	24011500D
*RNF7031	MSGID	A(7)	24002100D
*RNF7031	MSGSEV	I(10,0)	24001300D
*RNF7031	NUMDMPLISTER	I(10,0)	24012100D
*RNF7031	NUMRPYER	I(10,0)	24006900D
*RNF7031	NUMSPCRPYER	I(10,0)	24007900D
*RNF7031	NUMVARFMT	I(10,0)	24002500D
*RNF7031	OFSDFTR	I(10,0)	24003300D
*RNF7031	OFSDMPLISTE	I(10,0)	24011900D
*RNF7031	OFSLOWRPYE	I(10,0)	24008700D
*RNF7031	OFSMSG	I(10,0)	24003900D
*RNF7031	OFSMSGHLP	I(10,0)	24004500D
*RNF7031	OFSRELTESTE	I(10,0)	24009900D
*RNF7031	OFSRPYE	I(10,0)	24006700D
*RNF7031	OFSSPCRPYE	I(10,0)	24007700D
*RNF7031	OFSUPRPYE	I(10,0)	24009300D

*RNF7031	OFSPRPYEA	I(10,0)	24009700D			
*RNF7031	OFSPRPYER	I(10,0)	24009500D			
*RNF7031	OFSVARFMT	I(10,0)	24005100D			
*RNF7031	RESERVED_01	A(3)	24002300D			
*RNF7031	RESERVED_02	A(2)	24006100D			
*RNF7031	RESERVED_03	A(1)	24010700D			
*RNF7031	RESERVED_04	A(1)	24011300D			
*RNF7031	RPYTYPE	A(10)	24005900D			
*RNF7031	STOREDCCSID	I(10,0)	24011700D			
	S_IRGRP	CONST	72060600D			
	S_IROTH	CONST	72061100D			
	S_IRUSR	CONST	72060100D			
	S_IRWGX	CONST	72060900D			
	S_IRWXO	CONST	72061400D			
	S_IRWXU	CONST	72060400D			
	S_ISGID	CONST	72061700D			
	S_ISUID	CONST	72061600D			
	S_ISVTX	CONST	72061800D			
	S_IWGRP	CONST	72060700D			
	S_IWOTH	CONST	72061200D			
	S_IWUSR	CONST	72060200D			
	S_IXGRP	CONST	72060800D			
	S_IXOTH	CONST	72061300D			
	S_IXUSR	CONST	72060300D			
*RNF7031	SCADD	A(1)	74000008D			
*RNF7031	SCCHG	A(1)	74000010D			
*RNF7031	SCDLT	A(1)	74000009D			
*RNF7031	SCGRID	A(10)	74000004D			
*RNF7031	SCGRNM	A(40)	74000005D			
*RNF7031	SCMSG	A(80)	74000012D			
	SCPRID	A(10)	74000006D	039700M	039800	039900
			041200			
*RNF7031	SCPRNM	A(40)	74000007D			
	SCRUN	A(1)	74000011D	040300		
	SCUSID	A(10)	74000002D	040400		
*RNF7031	SCUSNM	A(40)	74000003D			
	SEEK_CUR	CONST	72067200D			
	SEEK_END	CONST	72067300D			
	SEEK_SET	CONST	72067100D			
*RNF7031	SFDAT	A(8)	004100D			
*RNF7031	SFFIL	A(34)	003800D			
*RNF7031	SFSIZ	A(12)	004000D			
*RNF7031	SFTIM	A(6)	004200D			
*RNF7031	SFTYP	A(10)	003900D			
*RNF7031	SHAL_T	DS(42)	37004800D	37011100		
*RNF7031	LENGTH	U(5,0)	37004900D			
*RNF7031	VALUE	A(40)	37005000D			
*RNF7031	SHORT_T	I(5,0)	72000900D			
		BASED(PDUMMY)				
	SIZE	I(10,0)	005600D	031000M	032200	
*RNF7031	SIZE_T	U(10,0)	72009200	72009800	72028900	72029000
		BASED(PDUMMY)	72029700	72029800	72050700	72051300
			72052800D	72064800	72065500	71001800
			71002800	71005200	71006200	
*RNF7031	SNDINF_T	DS(700)	21008300D	18021400		
		BASED(PDUMMY)				
*RNF7031	DATE	A(7)	21009500D			
*RNF7031	JOB	A(10)	21008600D			

*RNF7031	JOBNBR	A(6)	21009200D			
*RNF7031	LENRCVPRCLNAME	I(10,0)	21016900D			
*RNF7031	LENSNDPGMLNAME	I(10,0)	21015700D			
*RNF7031	LENSNDPRCLNAME	I(10,0)	21016300D			
*RNF7031	OFSRCVPRCLNAME	I(10,0)	21016600D			
*RNF7031	OFSSNDPGMLNAME	I(10,0)	21015400D			
*RNF7031	OFSSNDPRCLNAME	I(10,0)	21016000D			
*RNF7031	RCVMODULE	A(10)	21013200D			
*RNF7031	RCVPGM	A(10)	21012900D			
*RNF7031	RCVPGMNUMSTMTNBR	...				
		I(10,0)	21014200D			
*RNF7031	RCVPGMSTMTNBR(3)	...				
		A(10)	21014800D			
	RCVPGMSTMTNBR	A(30)	21014600D			
*RNF7031	RCVPROC	A(256)	21013500D			
*RNF7031	RCVTYPE	A(1)	21010400D			
*RNF7031	RESERVED_01	A(1)	21011600D			
*RNF7031	RESERVED_02	A(10)	21013800D			
*RNF7031	RESERVED_03	A(2)	21015100D			
*RNF7031	SNDMODULE	A(10)	21011000D			
*RNF7031	SNDPGM	A(12)	21010700D			
*RNF7031	SNDPGMNUMSTMTNBR	...				
		A(4)	21012000D			
*RNF7031	SNDPGMSTMTNBR(3)	...				
		A(10)	21012600D			
	SNDPGMSTMTNBR	A(30)	21012400D			
*RNF7031	SNDPROC	A(256)	21011300D			
*RNF7031	SNDTYPE	A(1)	21010100D			
*RNF7031	TIME	A(6)	21009800D			
*RNF7031	USER	A(10)	21008900D			
	SNDMSG	PROTOTYPE	011500D	022000M	022800M	023700M
			047800	048200	052400	
	SPACE	CONST	005000D	027000		
*RNF7031	SRAND	PROTOTYPE	72025700D			
*RNF7031	SSIZE_T	I(10,0)	72052900D	72064500	72065200	71002200
		BASED(PDUMMY)	71005600			
*RNF7031	ST_ALLOCSIZE	U(10,0)	015700D			
*RNF7031	ST_ETIME	I(10,0)	015200D			
*RNF7031	ST_BLKSIZE	U(10,0)	015600D			
*RNF7031	ST_CODEPAGE	U(5,0)	015900D			
*RNF7031	ST_CTIME	I(10,0)	015400D			
*RNF7031	ST_DEV	U(10,0)	015500D			
*RNF7031	ST_GID	U(10,0)	015000D			
*RNF7031	ST_INO	U(10,0)	014600D			
*RNF7031	ST_INO_GEN_ID	U(10,0)	016100D			
*RNF7031	ST_MODE	U(10,0)	014500D			
*RNF7031	ST_MTIME	I(10,0)	015300D			
*RNF7031	ST_NLINK	U(5,0)	014700D			
*RNF7031	ST_OBJTYPE	A(12)	015800D			
*RNF7031	ST_PAD	A(2)	014800D			
*RNF7031	ST_RESERVED1	A(62)	016000D			
	ST_SIZE	I(10,0)	015100D	029200		
*RNF7031	ST_STAT_T	DS(128)	72037200	72038000D		
		BASED(PDUMMY)				
*RNF7031	ALLOCSIZE	U(10,0)	72039300D			
*RNF7031	ETIME	I(10,0)	72038800D			
*RNF7031	BLKSIZE	U(10,0)	72039200D			
*RNF7031	CCSID	U(5,0)	72039700D			

*RNF7031	CODEPAGE	U(5,0)	72039600D			
*RNF7031	CTIME	I(10,0)	72039000D			
*RNF7031	DEV	U(10,0)	72039100D			
*RNF7031	DEV64	U(20,0)	72040100D			
*RNF7031	GID	U(10,0)	72038600D			
*RNF7031	INO	U(10,0)	72038200D			
*RNF7031	INO_GEN_ID	U(10,0)	72040300D			
*RNF7031	MODE	U(10,0)	72038100D			
*RNF7031	MTIME	I(10,0)	72038900D			
*RNF7031	NLINK	U(5,0)	72038300D			
*RNF7031	NLINK32	U(10,0)	72039900D			
*RNF7031	OBJTYPE	A(11)	72039400D			
*RNF7031	RDEV	U(10,0)	72039800D			
*RNF7031	RDEV64	U(20,0)	72040000D			
*RNF7031	RESERVED1	A(36)	72040200D			
*RNF7031	RESERVED2	A(2)	72038400D			
*RNF7031	RESERVED3	A(1)	72039500D			
*RNF7031	SIZE	I(10,0)	72038700D			
*RNF7031	UID	U(10,0)	72038500D			
*RNF7031	ST_UID	U(10,0)	014900D			
	STAT	I(10,0)	72036400D	028500		
		PROTOTYPE				
	STATBUF	A(128)	005300D	028400		
*RNF7031	STATDS	DS(128)	005300	014400D		
		BASED(P_STATDS)				
*RNF7031	STDERR	*(16)	72002200D			
*RNF7031	STDIN	*(16)	72002000D			
*RNF7031	STDOUT	*(16)	72002100D			
*RNF7031	STRCASECMP	I(10,0)	72012100D			
		PROTOTYPE				
*RNF7031	STRCMP	I(10,0)	72011100D			
		PROTOTYPE				
*RNF7031	STRError	*(16)	72070400D			
		PROTOTYPE				
*RNF7031	STRFTIME	I(10,0)	72003700D			
		PROTOTYPE				
*RNF7031	STRLEN	U(10,0)	72027100D			
		PROTOTYPE				
*RNF7031	STRTok	*(16)	72006600D			
		PROTOTYPE				
*RNF7031	SYSTEM	I(10,0)	72002500D			
		PROTOTYPE				
*RNF7031	TESTPTR	I(10,0)	35016000D			
		PROTOTYPE				
	TEXT	A(128)	013700D	021500M	022000	022400M
		VARYING	022800	023300M	023700	
*RNF7031	TIME	I(10,0)	72003200D			
		PROTOTYPE				
*RNF7031	TIME_T	I(10,0)	72053000D			
		BASED(PDUMMY)				
*RNF7031	TIMESTAMP	Z(26)	014100D			
*RNF7031	TM_T	DS(36)	72004100	72004300D	72006300	
		BASED(PDUMMY)				
*RNF7031	TM_HOUR	I(10,0)	72004600D			
*RNF7031	TM_ISDST	I(10,0)	72005200D			
*RNF7031	TM_MDAY	I(10,0)	72004700D			
*RNF7031	TM_MIN	I(10,0)	72004500D			
*RNF7031	TM_MON	I(10,0)	72004800D			

*RNF7031	TM_SEC	I(10,0)	72004400D		
*RNF7031	TM_WDAY	I(10,0)	72005000D		
*RNF7031	TM_YDAY	I(10,0)	72005100D		
*RNF7031	TM_YEAR	I(10,0)	72004900D		
	TMP_MAX	CONST	72028400D		
*RNF7031	TMPNAM	*(16)	72027500D		
		PROTOTYPE			
*RNF7031	TNS_ENVIAARCHIVO_T...	DS(1178)	4000081	9006200D	012600
		BASED(PDUMMY)			
*RNF7031	CONTENIDO	A(128)	9006400D		
		VARYING			
*RNF7031	CONTENIDOBYTE	A(128)	9006500D		
		VARYING			
*RNF7031	DESTINO	A(128)	9006600D		
		VARYING			
*RNF7031	DOMINIO	A(128)	9006700D		
		VARYING			
*RNF7031	ESARCHVIO	I(10,0)	9006800D		
*RNF7031	ID	I(10,0)	9007400D		
*RNF7031	NAMEARCHIVO	A(128)	9006900D		
		VARYING			
*RNF7031	ORIGEN	A(128)	9007000D		
		VARYING			
*RNF7031	PASSWORD	A(128)	9007100D		
		VARYING			
*RNF7031	TIPOARCHIVO	A(128)	9007200D		
		VARYING			
*RNF7031	USERNAME	A(128)	9007300D		
		VARYING			
*RNF7031	TNS_ENVIAARCHIVORESPONSE_T...	DS(130)	4000077	9007800D	013300
		BASED(PDUMMY)			
*RNF7031	ENVIAARCHIVORESULT...	A(128)	9008100D		
		VARYING			
	TO_ASCII	CONST	1233000D		
	TO_EBCDIC	CONST	1233100D		
*RNF7031	TS_FREE	PROTOTYPE	72016800D		
*RNF7031	TS_MALLOC	*(16)	72015700D		
		PROTOTYPE			
*RNF7031	TS_MALLOC_DEBUG	I(10,0)	72018000D		
		PROTOTYPE			
*RNF7031	TS_MALLOC_INFO	I(10,0)	72017300D		
		PROTOTYPE			
*RNF7031	TS_REALLOC	*(16)	72016200D		
		PROTOTYPE			
*RNF7031	TSTBTS	I(10,0)	72086700D		
		PROTOTYPE			
*RNF7031	UECPRS	A(1)	75000004D		
	UEEMAD	A(128)	75000003D	040700	
*RNF7031	UEPWRD	A(10)	75000006D		
*RNF7031	UEPWYN	A(1)	75000005D		
	UEUSER	A(10)	75000002D	040400M	040500
*RNF7031	UINT_T	U(10,0)	72001200D		
		BASED(PDUMMY)			
*RNF7031	ULONG_T	U(10,0)	72001400D		
		BASED(PDUMMY)			

*RNF7031 UNLINK	I(10,0)	72067700D			
	PROTOTYPE				
*RNF7031 URL_GETFILE	A(446)	66010700D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_GETHOST	A(446)	66005000D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_GETMBR	N(1)	66015400D			
	PROTOTYPE				
*RNF7031 URL_GETPATH	A(446)	66008800D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_GETPORT	I(10,0)	66006900D			
	PROTOTYPE				
*RNF7031 URL_GETPROTOCOL	A(446)	66003100D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_GETQUERY	A(446)	66012600D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_NEW	A(446)	66002200D			
	VARYING				
	PROTOTYPE				
*RNF7031 URL_SETFILE	N(1)	66011600D			
	PROTOTYPE				
*RNF7031 URL_SETHOST	N(1)	66005900D			
	PROTOTYPE				
*RNF7031 URL_SETPATH	N(1)	66009700D			
	PROTOTYPE				
*RNF7031 URL_SETPORT	N(1)	66007800D			
	PROTOTYPE				
*RNF7031 URL_SETPROTOCOL	N(1)	66004000D			
	PROTOTYPE				
*RNF7031 URL_SETQUERY	N(1)	66013500D			
	PROTOTYPE				
*RNF7031 URL_T	A(446)	67000500D	66002200	66002600	66003100
	VARYING	66003500	66004400	66004500	66005000
		66005400	66006300	66006400	66007300
		66008200	66008800	66009200	66010100
		66010200	66010700	66011100	66012000
		66012100	66012600	66013000	66013900
		66014000	66014900	66015800	
*RNF7031 URL_TOSTRING	A(512)	66014500D			
	VARYING				
	PROTOTYPE				
*RNF7031 USHORT_T	U(5,0)	72001000D			
	BASED(PDUMMY)				
*RNF7031 USR0030	DS(256)	6000006D			
*RNF7031 USR0030_SIZE	B(8,0)	6000008D			
*RNF7031 USR0030L	A(256)	6000007D			
*RNF7031 USR0042	DS(80)	7000006D			
*RNF7031 USR0042_SIZE	B(8,0)	7000009D			
*RNF7031 USR0042L	A(40)	7000007D			
*RNF7031 USR00422	A(40)	7000008D			
*RNF7031 USR0048	DS(256)	8000006D			
*RNF7031 USR0048_SIZE	B(8,0)	8000008D			
*RNF7031 USR0048L	A(256)	8000007D			

*RNF7031	UTCOffset	I(10,0)	007400D	
*RNF7031	UUID_T	DS(34)	37001200D	37009300
*RNF7031	LENGTH	U(5,0)	37001300D	
*RNF7031	VALUE	A(32)	37001400D	
*RNF7031	UUID_TEMPLATE_T	DS(32)	72089800D	
		BASED(PDUMMY)		
*RNF7031	BYTAVL	U(10,0)	72090000D	
*RNF7031	BYTPRV	U(10,0)	72089900D	
*RNF7031	RESERVED	A(8)	72090100D	
*RNF7031	UUID	A(16)	72090200D	
*RNF7031	VISUALIZEDTYPE_T	DS(8290)	16066100D	
		BASED(PDUMMY)		
*RNF7031	ENTRYTYPE	A(20)	16066200D	
		VARYING		
*RNF7031	EXTTYPEINF	A(20)	16066600D	
		VARYING		
*RNF7031	LEVEL	I(10,0)	16066300D	
*RNF7031	NAME	A(4094)	16066400D	
		VARYING		
*RNF7031	RPGTYPE	DS(4146)	16066500D	
*RNF7031	WAITTIME	PROTOTYPE	35027900D	
	WLI_ALRTBL	CONST	35003000D	
	WLI_AUTL	CONST	35003100D	
	WLI_BLKSF	CONST	35003200D	
	WLI_BNDDIR	CONST	35003300D	
	WLI_CFGL	CONST	35003400D	
	WLI_CHTFMT	CONST	35003500D	
	WLI_CLD	CONST	35003600D	
	WLI_CLS	CONST	35003700D	
	WLI_CMD	CONST	35003800D	
	WLI_CNNL	CONST	35003900D	
	WLI_COSD	CONST	35004000D	
	WLI_CRG	CONST	35004100D	
	WLI_CRQD	CONST	35004200D	
	WLI_CSI	CONST	35004300D	
	WLI_CSPMAP	CONST	35004400D	
	WLI_CSPTBL	CONST	35004500D	
	WLI_CTLD	CONST	35004600D	
	WLI_DDIR	CONST	35004700D	
	WLI_DEVD	CONST	35004800D	
	WLI_DIR	CONST	35004900D	
	WLI_DOC	CONST	35005000D	
	WLI_DSTMF	CONST	35005100D	
	WLI_DTAARA	CONST	35005200D	
	WLI_DTADCT	CONST	35005300D	
	WLI_DTAQ	CONST	35005400D	
	WLI_EDTD	CONST	35005500D	
	WLI_EXITRG	CONST	35005600D	
	WLI_FCT	CONST	35005700D	
	WLI_FILE	CONST	35005800D	
	WLI_FLR	CONST	35005900D	
	WLI_FNTRSC	CONST	35006000D	
	WLI_FNTTBL	CONST	35006100D	
	WLI_FORMDF	CONST	35006200D	
	WLI_FTR	CONST	35006300D	
	WLI_GSS	CONST	35006400D	
	WLI_IGCDCT	CONST	35006500D	
	WLI_IGCSRT	CONST	35006600D	

WLI_IGCTBL	CONST	35006700D
WLI_IPXD	CONST	35006800D
WLI_JOB	CONST	35006900D
WLI_JOBQ	CONST	35007000D
WLI_JOBSCD	CONST	35007100D
WLI_JRN	CONST	35007200D
WLI_JRNRCV	CONST	35007300D
WLI_LIB	CONST	35007400D
WLI_LIND	CONST	35007500D
WLI_LOCALE	CONST	35007600D
WLI_MEDDFN	CONST	35007700D
WLI_MENU	CONST	35007800D
WLI_MGTCOL	CONST	35007900D
WLI_MODD	CONST	35008000D
WLI_MODULE	CONST	35008100D
WLI_MSGF	CONST	35008200D
WLI_MSGQ	CONST	35008300D
WLI_M36	CONST	35008400D
WLI_M36CFG	CONST	35008500D
WLI_NODGRP	CONST	35009000D
WLI_NODL	CONST	35008600D
WLI_NTBD	CONST	35008700D
WLI_NWID	CONST	35008800D
WLI_NWSD	CONST	35008900D
WLI_OOPOOL	CONST	35009100D
WLI_OUTQ	CONST	35009200D
WLI_OVL	CONST	35009300D
WLI_PAGDFN	CONST	35009400D
WLI_PAGSEG	CONST	35009500D
WLI_PDG	CONST	35009600D
WLI_PGM	CONST	35009700D
WLI_PNLGRP	CONST	35009800D
WLI_PRDAVL	CONST	35009900D
WLI_PRDDFN	CONST	35010000D
WLI_PRDLOD	CONST	35010100D
WLI_PSF CFG	CONST	35010200D
WLI_QMFORM	CONST	35010300D
WLI_QMORY	CONST	35010400D
WLI_QRYDFN	CONST	35010500D
WLI_RCT	CONST	35010600D
WLI_SBSD	CONST	35010800D
WLI_SCHIDX	CONST	35010900D
WLI_SOCKET	CONST	35011000D
WLI_SOMOBJ	CONST	35011100D
WLI_SPADCT	CONST	35011200D
WLI_SQLPKG	CONST	35011300D
WLI_SQLUDT	CONST	35011400D
WLI_SRPVPGM	CONST	35011500D
WLI_SSND	CONST	35011600D
WLI_STMF	CONST	35011700D
WLI_SVRSTG	CONST	35011800D
WLI_SYMLNK	CONST	35011900D
WLI_S36	CONST	35010700D
WLI_TBL	CONST	35012000D
WLI_USRIDX	CONST	35012200D
WLI_USRPRF	CONST	35012100D
WLI_USRQ	CONST	35012300D
WLI_USRSPC	CONST	35012400D



	WLI_VLDL	CONST	35012500D			
	WLI_WSCST	CONST	35012600D			
*RNF7031	WORKTIME	A(8)	007300D			
*RNF7031	WRITE	I(10,0)	72065200D			
		PROTOTYPE				
*RNF7031	WSDL_ARRAYNAME_T	A(128)	5002600D			
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_ATTACHMENT_T	DS(512)	5016400D	9038500		
		BASED(PDUMMY)				
*RNF7031	FILENAME	A(254)	5016600D			
		VARYING				
*RNF7031	ID	A(254)	5016500D			
		VARYING				
*RNF7031	WSDL_ATTACHMENTID_T...	A(254)	5015000D	5016500	9036400	9037800
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_ATTRIBUTE_T	DS(6240)	16063400D			
		BASED(PDUMMY)				
*RNF7031	FIXED	A(4094)	16063700D			
		VARYING				
*RNF7031	QNAME	A(1072)	16063500D			
*RNF7031	QTYPE	A(1072)	16063600D			
	WSDL_AUTH_NTLM	CONST	5008200D			
	WSDL_AUTH_TYPE_HTTP...	CONST	5008500D	046400		
	WSDL_AUTH_TYPE_PROXY...	CONST	5008700D	045900		
*RNF7031	WSDL_BINDING_T	DS(3201)	16056300D			
		BASED(PDUMMY)				
*RNF7031	BOUNDOPERATIONLIST...	DS(1041)	16056800D			
		DS(1072)	16056400D			
*RNF7031	QNAME	DS(1072)	16056500D			
*RNF7031	QTYPE	DS(1072)	16056600D			
*RNF7031	STYLE	A(14)	16055800D			
		VARYING				
*RNF7031	WSDL_BINDINGS_T	DS(1041)	16055900D			
		BASED(PDUMMY)				
*RNF7031	BINDINGSLIST	DS(1041)	16057200D			
*RNF7031	WSDL_BOUNDOPERATION_T...	DS(3968)	16057600D			
		BASED(PDUMMY)				
*RNF7031	INPUT	DS(1184)	16057700D			
*RNF7031	OUTPUT	DS(1184)	16057300D			
*RNF7031	QNAME	DS(1072)	16057400D			
*RNF7031	SOAPACTION	A(510)	16057500D			
		VARYING				
*RNF7031	STYLE	A(14)	16057600	16057700	16058100D	
		VARYING				
*RNF7031	WSDL_BOUNDOPERATIONIO_T...	DS(1184)	16058500D			
		BASED(PDUMMY)				
*RNF7031	BODY	DS(16)	16058200D			
*RNF7031	CLASS	DS(80)	16058400D			
*RNF7031	HSOAPHEADERS	*(16)	16058300D			
*RNF7031	QNAME	DS(1072)	5022500D	16024800	16025000	
	WSDL_BYTE_T	I(3,0)				

*RNF7031	WSDL_CLASS_T	BASED(PDUMMY) DS(80)	16040600D	16041700	16044800	16049700
*RNF7031	NAME	BASED(PDUMMY) A(62)	16050400 16040700D	16058200		
*RNF7031	RESERVED	VARYING A(12)	16040900D			
*RNF7031	SIZE	I(10,0)	16040800D			
*RNF7031	WSDL_CLASSNAME_T	A(62)	16040700	16041200D		
		BASED(PDUMMY) VARYING				
*RNF7031	WSDL_CMDSERVER_T	DS(146)	16012600D			
		BASED(PDUMMY)				
*RNF7031	NUME	I(5,0)	16012700D			
*RNF7031	PROXYSERVER	DS(144)	16012800D			
*RNF7031	WSDL_CONTENTTYPE_T...					
		A(1024)	5011500	5015400D		
		BASED(PDUMMY) VARYING				
	WSDL_DECIMAL_T	S(31,15)	5019200D	5019400	5020700	16021700
		BASED(PDUMMY)	16021900			
*RNF7031	WSDL_DEFTYPE_T	A(5)	16040200D	16046800	16050700	
		BASED(PDUMMY)				
	WSDL_DIM_T	I(10,0)	16020300D	16020900	16021000	16046200
		BASED(PDUMMY)				
*RNF7031	WSDL_DIMXML_T	A(30)	16020100D			
		BASED(PDUMMY) VARYING				
*RNF7031	WSDL_DOCUMENTATION_T...					
		A(4094)	16039000D	16053100		
		BASED(PDUMMY) VARYING				
	WSDL_DOUBLE_T	S(31,15)	5019400D	16022400	16022600	
		BASED(PDUMMY)				
*RNF7031	WSDL_DSPEC_T	DS(49249)	16059900D			
		BASED(PDUMMY)				
*RNF7031	DECLTYPE	A(20)	16060100D			
*RNF7031	ISCOMMENT	N(1)	16060500D			
*RNF7031	KEYWORDS(10)	A(4096)	16060400D			
		VARYING				
*RNF7031	NAME	A(4096)	16060000D			
		VARYING				
*RNF7031	NUMKWDs	I(10,0)	16060300D			
*RNF7031	PRIMITIVE	DS(4146)	16060200D			
*RNF7031	WSDL_DURATION_T	DS(25)	5019700D			
		BASED(PDUMMY)				
*RNF7031	DAYS	I(10,0)	5020100D			
*RNF7031	HOURS	I(10,0)	5020200D			
*RNF7031	ISNEGATIVE	N(1)	5019800D			
*RNF7031	MINUTES	I(10,0)	5020300D			
*RNF7031	MONTHS	I(10,0)	5020000D			
*RNF7031	SECONDS	I(10,0)	5020400D			
*RNF7031	YEARS	I(10,0)	5019900D			
	WSDL_ERROR	CONST	5007400D	046900		
*RNF7031	WSDL_ERROR_T	I(10,0)	16018900D			
		BASED(PDUMMY)				
*RNF7031	WSDL_ERRORS_T	DS(1182)	5012000D	9024500	9025400	
		BASED(PDUMMY)				
*RNF7031	ERRTYPE	I(10,0)	5012100D			

*RNF7031	HTTPERROR	DS(134)	5012200D		
*RNF7031	SOAPFAULT	DS(774)	5012300D		
*RNF7031	XMLERROR	DS(270)	5012400D		
*RNF7031	WSDL_ERRTEXT_T	A(128)	4000085	5003000D	012200
		BASED(PDUMMY)			
		VARYING			
*RNF7031	WSDL_EXTRALARGESTRING_T...	A(65535)	16012000D		
		BASED(PDUMMY)			
*RNF7031	WSDL_FIELDV6_T	DS(36)	16016300D		
		BASED(PDUMMY)			
*RNF7031	PDATA	*(16)	16016500D		
*RNF7031	PFIELD	*(16)	16016400D		
*RNF7031	SIZE	I(10,0)	16016600D		
	WSDL_FLOAT_T	S(31,15)	5020700D	16023200	16023400
		BASED(PDUMMY)			
*RNF7031	WSDL_FULLELEMENTDATA_T...	DS(20)	5010900D		
		BASED(PDUMMY)			
*RNF7031	PDATA	*(16)	5011000D		
*RNF7031	SIZE	I(10,0)	5011100D		
	WSDL_GDAY_T	I(10,0)	5023600D	16034400	16034600
		BASED(PDUMMY)			
*RNF7031	WSDL_GENTAG_T	DS(577)	16064700D		
		BASED(PDUMMY)			
*RNF7031	ADDQUOTES	N(1)	16065600D		
*RNF7031	COMMAND	A(30)	16064800D		
		VARYING			
*RNF7031	CONTCHARS	A(14)	16065400D		
		VARYING			
*RNF7031	EXTENSION	A(254)	16065500D		
		VARYING			
*RNF7031	LENGTH	I(10,0)	16065000D		
*RNF7031	MAXCOLUMN	I(10,0)	16065200D		
*RNF7031	RESERVED_1	A(4)	16065300D		
*RNF7031	STARTCOLUMN	I(10,0)	16065100D		
*RNF7031	VARIABLE	A(254)	16064900D		
		VARYING			
	WSDL_GMONTH_T	I(10,0)	5023800D	16035200	16035400
		BASED(PDUMMY)			
	WSDL_GMONTHDAY_T	I(10,0)	5024000D	16036000	16036200
		BASED(PDUMMY)			
	WSDL_GYEAR_T	I(10,0)	5024200D	16036800	16037000
		BASED(PDUMMY)			
	WSDL_GYEARMONTH_T	I(10,0)	5024400D	16037600	16037800
		BASED(PDUMMY)			
*RNF7031	WSDL_HARRAY_T	*(16)	5002400D		
		BASED(PDUMMY)			
*RNF7031	WSDL_HTRANSCODER_T...	*(16)	5002100D		
		BASED(PDUMMY)			
	WSDL_HTTP_ERROR	CONST	5006300D		
	WSDL_HTTP_ERROR_SOAP...	CONST	5006700D		
	WSDL_HTTP_ERROR_UNEXPECTED...	CONST	5006500D		
	WSDL_HTTP_ERROR_UNKNOWN...	CONST	5006900D		

*RNF7031	WSDL_HTTP_ERRORNO_T...	I(10,0) BASED(PDUMMY)	5003400D	5012800	9026600	
*RNF7031	WSDL_HTTP_ERRORTEXT_T...	A(128) BASED(PDUMMY) VARYING	5003700D	5012900	9027400	
*RNF7031	WSDL_HTTP_SUCCESS	CONST	5006100D			
*RNF7031	WSDL_HTTPDEBUG_T	DS(503) BASED(PDUMMY)	5010400D	9017700		
*RNF7031	FILENAME	A(500) VARYING	5010600D			
*RNF7031	STATUS	N(1)	5010500D			
*RNF7031	WSDL_HTTPERROR_T	DS(134) BASED(PDUMMY)	5012200	5012700D		
*RNF7031	NO	I(10,0)	5012800D			
*RNF7031	TEXT	A(128) VARYING	5012900D			
	WSDL_INT_T	I(10,0) BASED(PDUMMY)	5020900D	16025600	16025800	
	WSDL_INTEGER_T	I(20,0) BASED(PDUMMY)	5021100D	16026400	16026600	
*RNF7031	WSDL_LARGESTRING_T...	A(65535) BASED(PDUMMY)	16011800D			
*RNF7031	WSDL_LNAME_T	A(510) BASED(PDUMMY) VARYING	16019300D	16062600		
	WSDL_LOCAL_TIMEZONE...	CONST	5018200D			
	WSDL_LONG_T	I(20,0) BASED(PDUMMY)	5021300D	16027200	16027400	
*RNF7031	WSDL_MAP_T	DS(1041) BASED(PDUMMY)	16043200	16043800	16044300	16047300
			16049200	16049900	16051500	16052100
			16054300D	16055900	16056800	
*RNF7031	ARECHOICES	N(1)	16054600D			
*RNF7031	CURKEY	A(1022) VARYING	16054500D			
*RNF7031	HMAP	*(16)	16054400D			
*RNF7031	WSDL_MAPKEY_T	A(1022) BASED(PDUMMY) VARYING	16017800D	16054500		
*RNF7031	WSDL_MESSAGE_T	DS(2193) BASED(PDUMMY)	16049600D			
*RNF7031	CLASS	DS(80)	16049700D			
*RNF7031	PARTSLIST	DS(1041)	16049900D			
*RNF7031	QNAME	DS(1072)	16049800D			
*RNF7031	WSDL_MESSAGES_T	DS(1041) BASED(PDUMMY)	16049100D			
*RNF7031	MSGLIST	DS(1041)	16049200D			
*RNF7031	WSDL_NAME_T	A(4094) BASED(PDUMMY) VARYING	16017200D	16038200	16066400	
	WSDL_NEGINT_T	I(10,0) BASED(PDUMMY)	5021500D	16032800	16033000	
	WSDL_NONNEGINT_T	I(10,0) BASED(PDUMMY)	5021700D	16031200	16031400	
	WSDL_NONPOSINT_T	I(10,0)	5021900D	16032000	16032200	

*RNF7031	WSDL_NSPREFIX_T	BASED(PDUMMY) A(30)	16018500D	16062700		
		BASED(PDUMMY) VARYING				
*RNF7031	WSDL_NSVALUE_T	A(510)	16019700D	16062800		
		BASED(PDUMMY) VARYING				
*RNF7031	WSDL_NUMOPER_T	S(2,0)	16016900D			
		BASED(PDUMMY)				
*RNF7031	WSDL_OPERATION_T	DS(13568)	16052500D			
		BASED(PDUMMY)				
*RNF7031	DOCUMENTATION	A(4094)	16053100D			
		VARYING				
*RNF7031	INPUT	DS(2144)	16053200D			
*RNF7031	ISUSED	N(1)	16052600D			
*RNF7031	OUTPUT	DS(2144)	16053300D			
*RNF7031	PARAMETERORDER	A(4094)	16053000D			
		VARYING				
*RNF7031	QNAME	DS(1072)	16052800D			
*RNF7031	RESERVED_1	A(15)	16052700D			
*RNF7031	WSDL_OPERATIONIO_T...					
		DS(2144)	16053200	16053300	16053700D	
		BASED(PDUMMY)				
*RNF7031	QMESSAGE	DS(1072)	16053900D			
*RNF7031	QNAME	DS(1072)	16053800D			
*RNF7031	WSDL_OPERATIONSX_T...					
		DS(33024)	16013700	16015500D		
		BASED(PDUMMY)				
*RNF7031	NAME(128)	A(256)	16015600D			
		VARYING				
*RNF7031	WSDL_OPERNAME_T	A(512)	5017800D	9014400		
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_PARAMETERORDER_T...					
		A(4094)	16038200D	16053000		
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_PART_T	DS(2245)	16050300D			
		BASED(PDUMMY)				
*RNF7031	CLASS	DS(80)	16050400D			
*RNF7031	DEFTYPE	A(5)	16050700D			
*RNF7031	ISSOAPHEADER	N(1)	16050800D			
*RNF7031	QELEMENT	DS(1072)	16050600D			
*RNF7031	QNAME	DS(1072)	16050500D			
*RNF7031	RESERVED_1	A(11)	16051000D			
*RNF7031	SORTSEQ	I(10,0)	16050900D			
*RNF7031	WSDL_PATH_T	A(254)	5015800D	5016600	11002600	11003000
		BASED(PDUMMY)	11003400	11003800	9036500	9037200
		VARYING				
*RNF7031	WSDL_PATHLONG_T	A(1024)	5016000D	9042200	9042600	9044000
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_PORT_T	DS(2416)	16055000D			
		BASED(PDUMMY)				
*RNF7031	ADDRESS	A(254)	16055400D			
		VARYING				
*RNF7031	PROTOCOL	A(14)	16055200D			
		VARYING				

*RNF7031	QBINDING	DS(1072)	16055300D			
*RNF7031	QNAME	DS(1072)	16055100D			
*RNF7031	WSDL_PORTNAME_T	A(512)	5017400D			
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_PORTTYPE_T	DS(2113)	16051900D			
		BASED(PDUMMY)				
*RNF7031	OPERATIONLIST	DS(1041)	16052100D			
*RNF7031	QNAME	DS(1072)	16052000D			
*RNF7031	WSDL_PORTTYPES_T	DS(1041)	16051400D			
		BASED(PDUMMY)				
*RNF7031	PORTTYPELIST	DS(1041)	16051500D			
	WSDL_POSINT_T	I(10,0)	5022100D	16033600	16033800	
		BASED(PDUMMY)				
*RNF7031	WSDL_PROTOCOL_T	A(14)	16038600D	16055200		
		BASED(PDUMMY)				
		VARYING				
*RNF7031	WSDL_PROXY_T	DS(260)	5009900D	9015800		
		BASED(PDUMMY)				
*RNF7031	PORT	I(10,0)	5010100D			
*RNF7031	SERVER	A(256)	5010000D			
*RNF7031	WSDL_QJOB_T	DS(26)	5018500D	11001400		
		BASED(PDUMMY)				
*RNF7031	NAME	A(10)	5018600D			
*RNF7031	NBR	A(6)	5018800D			
*RNF7031	USER	A(10)	5018700D			
*RNF7031	WSDL_QNAME_T	DS(1072)	16043700	16047000	16047100	16047200
		BASED(PDUMMY)	16049800	16050500	16050600	16052000
			16052800	16053800	16053900	16055100
			16055300	16056400	16056500	16057300
			16058300	16059000	16059100	16062500D
			16063500	16063600		
*RNF7031	ISQUALIFIED_	A(1)	16062900D			
*RNF7031	LNAME	A(510)	16062600D			
		VARYING				
*RNF7031	NSPREFIX	A(30)	16062700D			
		VARYING				
*RNF7031	NSVALUE	A(510)	16062800D			
		VARYING				
*RNF7031	RESERVED_1	A(15)	16063000D			
*RNF7031	WSDL_QSERVER_T	DS(144)	16012800	16042400D		
		BASED(PDUMMY)				
*RNF7031	NAME	A(126)	16042500D			
		VARYING				
*RNF7031	PORT	I(10,0)	16042600D			
*RNF7031	RESERVED_1	A(12)	16042700D			
*RNF7031	WSDL_RANGE_T	DS(16)	16064100D			
		BASED(PDUMMY)				
*RNF7031	FROM	I(10,0)	16064200D			
*RNF7031	RESERVED_1	A(8)	16064400D			
*RNF7031	TO	I(10,0)	16064300D			
*RNF7031	WSDL_RPGTYPE_T	DS(4146)	16060200	16061000D	16066500	
		BASED(PDUMMY)				
*RNF7031	DATATYPE	A(2)	16061200D			
*RNF7031	DECPOS	S(2,0)	16061300D			
*RNF7031	HASV6MARSHALLER	N(1)	16061700D			
*RNF7031	HASV6UNMARSHALLER...	N(1)	16061900D			

*RNF7031	KEYWORD	A(32)	16061400D		
		VARYING			
*RNF7031	LENGTH	S(7,0)	16061100D		
*RNF7031	REFFIELD	A(4096)	16061500D		
		VARYING			
*RNF7031	REQUIRESCCSID	N(1)	16062100D		
*RNF7031	WSDL_SERVICE_T	DS(2113)	16043600D		
		BASED(PDUMMY)			
*RNF7031	PORTLIST	DS(1041)	16043800D		
*RNF7031	QNAME	DS(1072)	16043700D		
*RNF7031	WSDL_SERVICES_T	DS(1041)	16043100D		
		BASED(PDUMMY)			
*RNF7031	SERVICELIST	DS(1041)	16043200D		
	WSDL_SHORT_T	I(5,0)	5022300D	16024000	16024200
		BASED(PDUMMY)			
*RNF7031	WSDL_SOAP_FAULTCODE_T...				
		A(256)	5004000D	5013300	9028200
		BASED(PDUMMY)			
		VARYING			
*RNF7031	WSDL_SOAP_FAULTDETAIL_T...				
		DS(258)	5013500	5013800D	
		BASED(PDUMMY)			
*RNF7031	HOSTNAME	A(256)	5013900D		
		VARYING			
*RNF7031	WSDL_SOAP_FAULTSTRING_T...				
		A(256)	5004300D	5013400	9029000
		BASED(PDUMMY)			
		VARYING			
*RNF7031	WSDL_SOAPACTION_T	A(510)	5004600D	5011600	16057400
		BASED(PDUMMY)			
		VARYING			
*RNF7031	WSDL_SOAPBODY_T	DS(16)	16058500	16059400D	
*RNF7031	USE	A(14)	16059500D		
		VARYING			
*RNF7031	WSDL_SOAPFAULT_T	DS(774)	5012300	5013200D	
		BASED(PDUMMY)			
*RNF7031	CODE	A(256)	5013300D		
		VARYING			
*RNF7031	DETAIL	DS(258)	5013500D		
*RNF7031	STRING	A(256)	5013400D		
		VARYING			
*RNF7031	WSDL_SOAPHEADER_T	DS(2160)	16058800D		
*RNF7031	QMESSAGE	DS(1072)	16059100D		
*RNF7031	QPART	DS(1072)	16059000D		
*RNF7031	USE	A(14)	16058900D		
		VARYING			
*RNF7031	WSDL_SRCMBROPTS_T	DS(13)	16014100D		
		BASED(PDUMMY)			
*RNF7031	DOREPLACE	N(1)	16014400D		
*RNF7031	NAME	A(10)	16014300D		
*RNF7031	NUMPARMS	I(5,0)	16014200D		
*RNF7031	WSDL_STRUCTSTMFOPTS_T...				
		DS(5005)	16014800D		
		BASED(PDUMMY)			
*RNF7031	DOREPLACE	N(1)	16015100D		
*RNF7031	NUMPARMS	I(5,0)	16014900D		
*RNF7031	PATH	A(5000)	16015000D		
		VARYING			

*RNF7031	WSDL_STYLE_T	A(14) BASED(PDUMMY) VARYING	16039800D	16056600	16057500
	WSDL_SUCCESS	CONST	5007200D	046200	046700
*RNF7031	WSDL_TGTRLS_T	A(6) BASED(PDUMMY)	16020700D		
*RNF7031	WSDL_TRANSCODER_T	DS(140) BASED(PDUMMY)	16041600D		
*RNF7031	CLASS	DS(80)	16041700D		
*RNF7031	FROMCCSID	U(10,0)	16041800D		
*RNF7031	HICONV	DS(52)	16042000D		
*RNF7031	TOCCSID	U(10,0)	16041900D		
*RNF7031	WSDL_TYPE_T	DS(4417) BASED(PDUMMY)	16044700D		
*RNF7031	ARRAYID	I(10,0)	16046100D		
*RNF7031	ARRAYTYPE	A(10) VARYING	16046000D		
*RNF7031	CLASS	DS(80)	16044800D		
*RNF7031	DEFTYPE	A(5)	16046800D		
*RNF7031	DIM	I(10,0)	16046200D		
*RNF7031	FRACTION	I(10,0)	16046400D		
*RNF7031	HELPERYPEID	A(1)	16045400D		
*RNF7031	ISCHOICE	N(1)	16045500D		
*RNF7031	ISEXTENSION	N(1)	16045200D		
*RNF7031	ISQUALIFIED	A(1)	16045100D		
*RNF7031	ISSEQUENCE	N(1)	16045000D		
*RNF7031	ISSOAPENCODED	N(1)	16045300D		
*RNF7031	ISUSED	N(1)	16044900D		
*RNF7031	LENGTH	I(10,0)	16046300D		
*RNF7031	NUMCHCHLPTYPE	I(10,0)	16046700D		
*RNF7031	NUMSEQHLPTYPE	I(10,0)	16046600D		
*RNF7031	QNAME	DS(1072)	16047000D		
*RNF7031	QNAMEORIGINAL	DS(1072)	16047200D		
*RNF7031	QTYPE	DS(1072)	16047100D		
*RNF7031	REFERENCESQUALIFIED...	N(1)	16045900D		
*RNF7031	REFERENCESTYPE	N(1)	16045700D		
*RNF7031	RESERVED_1	A(10)	16046900D		
*RNF7031	SORTSEQ	I(10,0)	16046500D		
*RNF7031	SUBTYPESLIST	DS(1041)	16047300D		
*RNF7031	UUID	A(16)	16047400D		
*RNF7031	WSDL_TYPES_T	DS(1041) BASED(PDUMMY)	16044200D		
*RNF7031	TYPESLIST	DS(1041)	16044300D		
	WSDL_UBYTE_T	U(3,0) BASED(PDUMMY)	5023300D	16028800	16029000
	WSDL_UINT_T	U(10,0) BASED(PDUMMY)	5022700D	16029600	16029800
	WSDL_ULONG_T	U(20,0) BASED(PDUMMY)	5022900D	16030400	16030600
*RNF7031	WSDL_URL_T	A(254) BASED(PDUMMY) VARYING	16018100D	16055400	
*RNF7031	WSDL_USE_T	A(14) BASED(PDUMMY) VARYING	16039400D	16058900	16059500
*RNF7031	WSDL_USERAGENT_T	A(256) BASED(PDUMMY)	5009600D	9022700	9023200



	WSDL_USHORT_T	VARYING U(5,0) BASED(PDUMMY)	5023100D	16028000	16028200	
*RNF7031	WSDL_UUID_T	A(32) BASED(PDUMMY)	5017000D	9035000	9036600	9037900
*RNF7031	WSDL_VALUE_T	A(4094) BASED(PDUMMY)	16017500D	16063700		
*RNF7031	WSDL_WEBSERVICE_T	VARYING DS(33288) BASED(PDUMMY)	16013200D			
*RNF7031	NUMOPERATIONS	I(5,0)	16013600D			
*RNF7031	NUMPARMS	I(5,0)	16013300D			
*RNF7031	OFSOPERNMES	I(5,0)	16013500D			
*RNF7031	OPERATIONS	DS(33024)	16013700D			
*RNF7031	PORT	A(256)	16013400D			
*RNF7031	WSDL_XML_COLUMN_T	VARYING I(10,0) BASED(PDUMMY)	5005700D	5014600		
*RNF7031	WSDL_XML_ERRORNO_T...	I(10,0) BASED(PDUMMY)	5005000D	5014300	9029800	
*RNF7031	WSDL_XML_ERRORTEXT_T...	A(256) BASED(PDUMMY)	5005300D	5014400	9030600	
*RNF7031	WSDL_XML_LINE_T	VARYING I(10,0) BASED(PDUMMY)	5005500D	5014500		
*RNF7031	WSDL_XMLError_T	DS(270) BASED(PDUMMY)	5012400	5014200D		
*RNF7031	CODE	I(10,0)	5014300D			
*RNF7031	COLUMN	I(10,0)	5014600D			
*RNF7031	LINE	I(10,0)	5014500D			
*RNF7031	TEXT	A(256)	5014400D			
*RNF7031	XORSTR	VARYING PROTOTYPE	35024900D			

Field References for subprocedure POSX\_SERVICESOAP\_SUPPLYLOGINDATA

Field	Attributes	References (D=Defined M=Modified)		
I_AUTHTYPE	A(14) BASED(_QRNL_PST+) VARYING	044600D	045900	046400
*RNF7031 I_REALM	A(126) BASED(_QRNL_PST+) VARYING	044700D		
*RNF7031 I_NUMATTEMPTS	I(10,0) BASED(_QRNL_PST+)	044800D		
O_USER	A(50) BASED(_QRNL_PST+) VARYING	044900D	046000M	046500M
O_PASSWORD	A(50) BASED(_QRNL_PST+) VARYING	045000D	046100M	046600M
*RNF7031 RC	I(10,0)	045300D		

Field References for subprocedure SNDMSG

Field	Attributes	References (D=Defined M=Modified)			
I_TEXT	A(128) VARYING	048300D	051900	051900	
MSGKEY	A(4)	048600D	052000		
QMSGF	DS(20)	048900D	051400	051500M	051600M
		051900			
LIB	A(10)	049100D	051600		
NAME	A(10)	049000D	051500		
ERRCODE	DS(272)	049400D	051700	051800M	051800
		052000			
*RNF7031	BYTAVL	049600D			
	BYTPRV		051800		
*RNF7031	EXCDTA	049500D			
*RNF7031	EXCID	049900D			
*RNF7031	RESERVED	049700D			
	A(1)	049800D			
QMHSNDPM	PROTOTYPE	050200D	051900M		

## Indicator References:

Indicator	References (D=Defined M=Modified)
*RNF7031 70	002100D
LR	024500M

\* \* \* \* \* E N D O F C R O S S R E F E R E N C E \* \* \* \* \*

## E x t e r n a l   R e f e r e n c e s

## Statically bound procedures:

Procedure	References	
time	72003200	72026600
atoi	72007100	
free	72025300	
rand	72026100	
stat	72036400	028500
open	72059300	030100
read	72064500	031200
srand	72025700	
qsort	72028700	
iconv	72034800	
fstat	72037000	
lstat	72037600	
chdir	72052300	
chmod	72053400	
mkdir	72054000	
rmdir	72054600	
write	72065200	
lseek	72066500	
close	72069600	031600
cvthc	72090600	
cvtch	72091300	
print	011000	
matptr	35018700	
rslvsp	35021700	
_ORSTR	35024100	
mitime	35028400	
system	72002500	
strtok	72006600	
memcpy	72007500	
memset	72008100	
memcmp	72009500	
strcmp	72011200	
malloc	72024400	
strlen	72027100	
tmpnam	72027500	
getcwd	72051100	
unlink	72067700	
tstbts	72086700	
getenv	72087300	
putenv	72087800	
_ANDSTR	35023300	
_XORSTR	35024900	
_COMSTR	35025700	
memmove	72008900	
realloc	72024800	
bsearch	72029400	
opendir	72055100	
readdir	72055600	
__errno	72070100	
cvtefnd	72086000	
_CIPHER	72092000	
_TESTPTR	35016000	
waittime	35027900	
strftime	72003700	

QlgChdir	72051800	
closedir	72058800	
strerror	72070400	
_GENUUID	72089400	
HTTP_COMP	1174300	
HTTP_DIAG	1175200	
HTTP_DMSG	1199100	
QleGetExp	35014800	
localtime	72005600	
_memicmp	72010100	
QlgGetcwd	72050500	
rewinddir	72058300	
ftruncate	72065900	
HTTP_CLOSE	1031700	
HTTP_ERROR	1032900	
HTTP_XPROC	1053200	
HTTP_DEBUG	1150100	
HTTP_XLATE	1157000	
HTTP_CRASH	1176000	
HTTP_XMLNS	1177700	
strcasecmp	72012200	
_C_TS_free	72016800	
iconv_open	72030300	
Qp0zDltEnv	72088300	
HTTP_XLATEP	1158700	
HTTP_HEADER	1170000	
HTTP_DWRITE	1197100	
HTTP_DCLOSE	1200400	
localtime_r	72006100	
iconv_close	72035900	
Qp0lGetAttr	72040700	
Qp0zInitEnv	72088800	
HTTP_URL_GET	1007200	1009000
HTTP_GETAUTH	1044100	
HTTP_SETAUTH	1045800	
QleActBndPgm	35012900	
_C_TS_malloc	72015700	
QtqIconvOpen	72033100	
HTTP_URL_POST	1013500	1015300
HTTP_PARSEURL	1028000	
HTTP_SETPROXY	1047200	
HTTP_XLATEDYN	1160400	
HTTP_TEMPFILE	1176800	
BASE64_ENCODE	3000144	032400
BASE64_DECODE	3000163	
_C_TS_realloc	72016200	
_C_IFS_tmpnam	72027900	
HTTP_REDIR_LOC	1054400	
HTTP_GET_XMLTF	1092900	
HTTP_SETCCSIDS	1151700	
HTTP_SETTABLES	1153300	
HTTP_ESCAPEXML	1191700	
Qp0lRenameKeep	72068200	
HTTP_POST_XMLTF	1105600	
BASICS1R3_f_val	38011000	
HTTP_URL_GET_RAW	1019700	
HTTP_URL_GET_XML	1087000	1089100
HTTP_PERSIST_GET	1124200	

HTTP_PERSIST_REQ	1136800	
HTTP_USE_COOKIES	1171500	
HTTP_COOKIE_FILE	1173300	
HTTP_NEXTXMLATTR	1190200	
HTTP_PARSER_INIT	1204200	
HTTP_PARSER_FREE	1207500	
BASICS1R4_f_this	28001700	
BASICS1R3_f_left	38001900	
BASICS1R6_p_wait	48009300	
Qp01RenameUnlink	72068800	
HTTP_URL_POST_RAW	1024200	
HTTP_URL_POST_XML	1099400	1101500
HTTP_PERSIST_OPEN	1120700	
HTTP_PERSIST_POST	1130600	
HTTP_SETFILECCSID	1155600	
HTTP_XMLRETURNPTR	1179100	
HTTP_XMLSTRIPCRLF	1180700	
HTTP_XMLRETURNUCS	1202200	
BASE64_INALPHABET	3000179	
BASICS1R2_f_errno	25003400	
BASICS1R5_f_exist	30003100	
BASICS1R7_f_log10	37007800	
BASICS1R3_f_right	38004700	
BASICS1R3_f_space	38006500	
BASICS1R3_f_lcase	38007400	
BASICS1R3_f_ucase	38008200	
BASICS1R3_f_scanR	38024200	
BASICS1RD_Url_new	66002300	
_C_TS_malloc_info	72017300	
HTTP_PROXY_SETAUTH	1048800	
HTTP_PROXY_GETAUTH	1051300	
HTTP_LONG_PARSEURL	1070100	
HTTP_URL_POST_RAW2	1074800	
HTTP_URL_POST_STMF	1079300	1081000
HTTP_PERSIST_CLOSE	1139600	
HTTP_XML_SETCCSIDS	1165500	
BASICS1R1_f_newMsg	18007900	
BASICS1R4_p_assert	28000700	
BASICS1R4_f_caller	28002800	
BASICS1R7_f_genMD5	37010200	
BASICS1R3_f_ebcdic	38010200	
BASICS1R3_f_center	38020400	
BASICS1R3_f_alignR	38021300	
_C_TS_malloc_debug	72018000	
HTTP_BUILD_SOCKETADDR	1030300	
HTTP_PARSE_XML_STMF	1168000	
BASICS1R5_f_rtvObjD	30004200	
BASICS1R5_f_rtvMbrD	30005500	
BASICS1R7_f_isBitOn	37006900	
BASICS1R7_f_genUUID	37009400	
BASICS1R7_f_genSHA1	37011200	
BASICS1R3_f_replace	38009100	
BASICS1R3_f_objName	38030100	
BASICS1R6_f_execute	48004200	
WSDL2R90_AppMsg_new	15004500	
WSDL2R90_deprecated	15011700	
HTTP_URL_ENCODER_NEW	1055800	
HTTP_POST_STMF_XMLTF	1117500	

HTTP_SET_100_TIMEOUT	1164000	
LOG4RPG11_Layout_new	13066500	
LOG4RPG17_Filter_new	13078300	
WSDL2R88_Job_isBatch	11002000	
BASICS1R2_f_clrErrno	25004100	
BASICS1R2_f_setErrno	25004800	
BASICS1R2_f_strerror	25005600	
BASICS1R7_f_genCRC32	37012200	
BASICS1R3_f_endsWith	38005600	
BASICS1R3_f_wordWrap	38012200	
BASICS1R3_f_editCode	38013400	
BASICS1R3_f_editWord	38014700	
BASICS1R8_HANDLE_new	53001200	
BASICS1RD_Url_getMbr	66015500	
WSDL2R90_AppMsg_null	15010200	
HTTP_URL_ENCODER_FREE	1065100	
HTTP_MFD_ENCODER_OPEN	1141900	
HTTP_PARSER_SWITCH_CB	1182900	
HTTP_PARSE_XML_STRING	1188000	
LOG4RPG01_Logger_info	13022300	
LOG4RPG01_Logger_warn	13025700	
LOG4RPG01_Logger_null	13051100	
LOG4RPG11_Layout_null	13068300	
LOG4RPG17_Filter_null	13080200	
WSDL2R88_File_getName	11002700	
WSDL2R88_File_fixPath	11003500	
BASICS1R1_f_sndPgmMsg	18009600	
BASICS1R1_f_rcvPgmMsg	18011000	
BASICS1R1_p_rmvPgmMsg	18012700	
BASICS1R5_f_crtUsrSpc	30008400	
BASICS1R5_f_dltUsrSpc	30018000	
BASICS1R5_f_getObjLib	30021300	
BASICS1R3_f_rmvQuotes	38018600	
BASICS1R3_f_addQuotes	38019500	
BASICS1R3_f_genStrCmp	38022200	
BASICS1R3_f_parseDate	38032800	
BASICS1R6_f_getEnvVar	48005300	
BASICS1R6_f_setEnvVar	48006100	
BASICS1R6_f_delEnvVar	48007000	
BASICS1R8_HANDLE_null	53002100	
BASICS1R8_MEMORY_free	53007800	
BASICS1RD_Url_getHost	66005100	
BASICS1RD_Url_setHost	66006000	
BASICS1RD_Url_getPort	66007000	
BASICS1RD_Url_setPort	66007900	
BASICS1RD_Url_getPath	66008900	
BASICS1RD_Url_setPath	66009800	
BASICS1RD_Url_getFile	66010800	
BASICS1RD_Url_setFile	66011700	
HTTP_SELECT_COMMDRIVER	1071900	
HTTP_URL_POST_STMF_XML	1110800	1112800
HTTP_MFD_ENCODER_CLOSE	1148800	
HTTP_PARSER_GET_END_CB	1185100	
HTTP_PARSER_PARSECHUNK	1206200	
LOG4RPG01_Logger_debug	13018900	
LOG4RPG01_Logger_error	13029100	
LOG4RPG01_Logger_fatal	13032500	
LOG4RPG03_Appender_new	13069800	

BASICS1R1_f_rtvMsgText	18014300
BASICS1R2_f_isApiError	25001800
BASICS1R5_f_getTmpName	30006800
BASICS1R3_f_startsWith	38002800
BASICS1R3_f_rmvKeyword	38017700
BASICS1R3_f_formatDate	38031900
BASICS1RC_BasicMap_new	63001600
BASICS1RC_BasicMap_get	63005300
BASICS1RC_BasicMap_put	63010700
BASICS1RD_Url_getQuery	66012700
BASICS1RD_Url_setQuery	66013600
BASICS1RD_Url_toString	66014600
BASICS1RE_f_dateSerial	68000700
WSDL2R90_AppMsg_isNull	15010900
HTTP_URL_ENCODER_ADDVAR	1057900
HTTP_URL_ENCODER_GETPTR	1060300
HTTP_URL_ENCODER_GETSTR	1062900
HTTP_MFD_ENCODER_ADDVAR	1143700
LOG4RPG01_Logger_isNull	13049500
LOG4RPG03_Appender_null	13071700
BASICS1R8_HANDLE_isNull	53002800
BASICS1R8_HANDLE_delete	53005300
BASICS1RA_BasicList_new	57002800
BASICS1RA_BasicList_get	57004700
BASICS1RA_BasicList_add	57012100
BASICS1RA_BasicList_set	57017800
BASICS1RC_BasicMap_null	63021600
HTTP_MFD_ENCODER_ADDSTMF	1147400
HTTP_PARSER_GET_START_CB	1184200
HTTP_PARSER_GET_USERDATA	1186000
LOG4RPG01_Logger_infoMsg	13024000
LOG4RPG01_Logger_warnMsg	13027400
LOG4RPG01_Logger_getName	13047900
LOG4RPG17_Filter_setNext	13081700
BASICS1R1_f_rcvPgmMsgObj	18019800
BASICS1R5_f_rtvUshrSpPtr	30009900
BASICS1R6_f_getNumEnvVar	48007800
BASICS1R8_MEMORY_freeAll	53007000
BASICS1RA_BasicList_find	57015900
BASICS1RA_BasicList_sort	57025400
BASICS1RA_BasicList_null	57029500
BASICS1RB_BasicStack_new	60001100
BASICS1RB_BasicStack_pop	60003800
BASICS1RC_BasicMap_clone	63002500
BASICS1RC_BasicMap_clear	63020000
WSDL2R90_AppMsg_newError	15005700
HTTP_URL_ENCODER_ADDVAR_S	1067000
HTTP_MFD_ENCODER_ADDVAR_S	1145500
LOG4RPG01_Logger_debugMsg	13020600
LOG4RPG01_Logger_errorMsg	13030800
LOG4RPG01_Logger_fatalMsg	13034200
LOG4RPG01_Logger_setLevel	13052600
WSDL2R88_Job_getTcpIpAddr	11001100
BASICS1R1_p_setAppMsgFile	18007000
BASICS1R1_f_rtvMsgTextRaw	18016600
BASICS1R2_f_newApiErrCode	25001000
BASICS1R2_f_cvtErrnoToMsg	25006400
BASICS1R5_f_getUniqueName	30007500

BASICS1R5_f_getUsrSpcSize	30011000	
BASICS1R5_f_chgUsrSpcSize	30014400	
BASICS1R3_f_rplUnPrtChars	38031000	
BASICS1R3_f_formatMemSize	38035500	
BASICS1R8_HANDLE_isTypeOf	53003600	
BASICS1R8_MEMORY_allocate	53006100	
BASICS1R9_Display_getMode	55001600	55005900
BASICS1R9_Display_getRows	55003700	
BASICS1RA_BasicList_clone	57003900	
BASICS1RA_BasicList_clear	57027100	
BASICS1RB_BasicStack_peek	60002800	
BASICS1RB_BasicStack_push	60004800	
BASICS1RB_BasicStack_null	60009800	
BASICS1RC_BasicMap_remove	63003300	
BASICS1RC_BasicMap_delete	63020800	
BASICS1RC_BasicMap_isNull	63022300	
BASICS1RD_Url_getProtocol	66003200	
BASICS1RD_Url_setProtocol	66004100	
BASICS1RE_f_rtvSysVal_num	69001700	
LOG4RPG01_Logger_isLogging	13014300	
LOG4RPG01_Logger_getLogger	13017300	
LOG4RPG01_Logger_forcedLog	13035900	
BASICS1R1_f_rtvMsgHelpText	18015400	
BASICS1R1_f_cvtRcvMsgToMsg	18018800	
BASICS1R5_f_activateSrvPgm	30019100	
BASICS1RA_BasicList_remove	57022900	
BASICS1RA_BasicList_delete	57028700	
BASICS1RA_BasicList_isNull	57030200	
BASICS1RB_BasicStack_clone	60002000	
BASICS1RB_BasicStack_clear	60008200	
BASICS1RC_BasicMap_getSize	63014500	
BASICS1RC_BasicMap_getNumE	63016400	
BASICS1RC_BasicMap_getKeys	63018000	
BASICS1RE_f_rtvSysVal_char	69000700	
BASICS1RH_MemoryWriter_new	71001400	
BASICS1RH_MemoryReader_new	71004800	
WSDL2R90_AppMsg_sendEscMsg	15002700	
LOG4RPG01_Logger_setLogging	13012700	
BASICS1R8_HANDLE_getPointer	53004500	
BASICS1RA_BasicList_getType	57010300	
BASICS1RA_BasicList_getSize	57011200	
BASICS1RA_BasicList_addNull	57013300	
BASICS1RA_BasicList_setNull	57019100	
BASICS1RA_BasicList_getNumE	57023800	
BASICS1RB_BasicStack_delete	60009000	
BASICS1RB_BasicStack_isNull	60010500	
BASICS1RH_MemoryReader_read	71005700	
WSDL2R90_AppMsg_sendDiagMsg	15001700	
POSX_ServiceSoap_Port_login	9033300	
LOG4RPG03_Appender_setLayout	13073200	
LOG4RPG03_Appender_setFilter	13074900	
LOG4RPG01_Logger_addAppender	13076600	
BASICS1R5_f_getUsrSpcAutoExt	30012200	
BASICS1R5_f_chgUsrSpcAutoExt	30015600	
BASICS1R5_f_getProcPtrByName	30020200	
BASICS1R3_f_genStrCmpIgnCase	38023200	
BASICS1R3_f_containsStringAt	38029100	
BASICS1R6_f_getEnvVarByIndex	48008500	



BASICS1R8_MemoryManager_free	53011500	
BASICS1R9_Display_getColumns	55004600	
BASICS1RA_BasicList_isTypeOf	57009300	
BASICS1RA_BasicList_isSorted	57026300	
BASICS1RB_BasicStack_getSize	60005800	
BASICS1RB_BasicStack_getNumE	60006600	
BASICS1RC_BasicMap_getString	63006500	
BASICS1RC_BasicMap_putString	63012100	
BASICS1RC_BasicMap_getHeapID	63017200	
BASICS1RC_BasicMap_getValues	63019000	
BASICS1RC_BasicMap_newKeySet	63023100	
BASICS1RC_BasicKeySet_delete	63025500	
BASICS1RH_MemoryWriter_write	71002300	
POSX_ServiceSoap_EnviaArchivo	4000078	020600
LOG4RPG01_Logger_forcedLogMsg	13037700	
BASICS1R1_f_rtvMsgHelpTextRaw	18017700	
BASICS1R1_f_getSndInfOfRcvMsg	18021500	
BASICS1R3_f_getLengthEditCode	38015800	
BASICS1R3_f_getLengthEditWord	38016800	
BASICS1R3_f_cvtPtrToHexString	38026100	
BASICS1R9_Display_supportsDS4	55002300	
BASICS1R9_Display_supportsGUI	55003000	
BASICS1RA_BasicList_getString	57005800	
BASICS1RA_BasicList_addString	57014100	
BASICS1RA_BasicList_setString	57020000	
BASICS1RA_BasicList_getHeapID	57024600	
BASICS1RC_BasicMap_getInteger	63007500	
BASICS1RC_BasicMap_putInteger	63013400	
BASICS1RC_BasicKeySet_getNext	63024700	
BASICS1RG_BasicProperties_new	70001300	
BASICS1RH_MemoryWriter_delete	71003300	
BASICS1RH_MemoryReader_delete	71006700	
WSDL2R90_AppMsg_sendStatusMsg	15000900	
WSDL2R90_AppMsg_sendCancelMsg	15006600	
WSDL2R90_AppMsg_sendToCmdLine	15007400	
POSX_ServiceSoap_Endpoint_get	9008900	
POSX_ServiceSoap_Endpoint_set	9009700	
POSX_ServiceSoap_Port_isError	9025900	020900
POSX_ServiceSoap_Port_getName	9034300	
POSX_ServiceSoap_Port_getUuid	9035100	
LOG4RPG01_Logger_getRootLogger	13015800	
LOG4RPG01_Logger_isInfoEnabled	13041200	
LOG4RPG01_Logger_isWarnEnabled	13042900	
BASICS1R2_f_cvtApiErrCodeToMsg	25002600	
BASICS1R5_f_getUsrSpcInitValue	30013300	
BASICS1R5_f_chgUsrSpcInitValue	30016800	
BASICS1RA_BasicList_getPointer	57006700	
BASICS1RA_BasicList_addPointer	57015000	
BASICS1RA_BasicList_findString	57016900	
BASICS1RA_BasicList_setPointer	57021000	
BASICS1RB_BasicStack_getHeapID	60007400	
BASICS1RC_BasicMap_containsKey	63004300	
BASICS1RC_BasicKeySet_getFirst	63023900	
BASICS1RG_BasicProperties_null	70019700	
LOG4RPG01_Logger_isDebugEnabled	13039500	
LOG4RPG01_Logger_isErrorEnabled	13044600	
LOG4RPG01_Logger_isFatalEnabled	13046300	
BASICS1RA_BasicList_getListType	57007600	

BASICS1RA_BasicList_setAutoSort	57022000		
BASICS1RA_BasicList_isNullValue	57031000		
BASICS1RG_BasicProperties_clone	70002200		
BASICS1RG_BasicProperties_clear	70018000		
BASICS1RH_MemoryReader_readProc	71007500		
WSDL2R90_AppMsg_retrieveMsgText	15008300		
POSX_ServiceSoap_Port_setErrors	9025000		
BASICS1R3_f_startsWithIgnoreCase	38003800		
BASICS1R3_f_cvtBufferToHexString	38025200		
BASICS1R3_f_cvtHexStringToBuffer	38026900		
BASICS1R8_MemoryManager_allocate	53009900		
BASICS1RA_BasicList_isListTypeOf	57008400		
BASICS1RA_BasicList_getTotalSize	57027900		
BASICS1RC_BasicMap_getKeyByIndex	63009600		
BASICS1RG_BasicProperties_remove	70005200		
BASICS1RG_BasicProperties_delete	70018800		
BASICS1RG_BasicProperties_isNull	70020400		
BASICS1RH_MemoryWriter_writeProc	71004100		
WSDL2R90_AppMsg_retrieveHelpText	15009300		
POSX_ServiceSoap_Port_initialize	9014000		
POSX_ServiceSoap_Port_setTimeout	9020400		
POSX_ServiceSoap_Port_getTimeout	9021400		
POSX_ServiceSoap_Attachments_put	9035900		
POSX_ServiceSoap_Attachments_get	9037300		
BASICS1R3_f_containsInvalidCharAt	38028000		
BASICS1RC_BasicMap_getSizeByIndex	63015500		
BASICS1RG_BasicProperties_getNumE	70016400		
WSDL2R90_AppMsg_sendEscMsgAndDump	15003700		
POSX_ServiceSoap_Endpoint_getHost	9010600		
POSX_ServiceSoap_Endpoint_setHost	9011400		
POSX_ServiceSoap_Endpoint_getPort	9012300		
POSX_ServiceSoap_Endpoint_setPort	9013100		
POSX_ServiceSoap_Port_clearErrors	9024100		
POSX_ServiceSoap_XmlError_getCode	9029900	023100	023300
POSX_ServiceSoap_XmlError_getText	9030700	023500	
BASICS1R8_MemoryManager_reallocate	53010700		
BASICS1R8_MemoryManager_createHeap	53012300		
BASICS1R8_MemoryManager_deleteHeap	53013300		
BASICS1RC_BasicMap_getValueByIndex	63008500		
POSX_ServiceSoap_Port_setHttpProxy	9014900		
POSX_ServiceSoap_Port_getHttpProxy	9015900		
POSX_ServiceSoap_Port_setHttpDebug	9016700	018100	
POSX_ServiceSoap_Port_getHttpDebug	9017800		
POSX_ServiceSoap_Port_setPostCcsid	9018600		
POSX_ServiceSoap_Port_getPostCcsid	9019500		
POSX_ServiceSoap_Port_setUserAgent	9022300		
POSX_ServiceSoap_Port_getUserAgent	9023300		
POSX_ServiceSoap_HttpError_getCode	9026700	021600	
POSX_ServiceSoap_HttpError_getText	9027500	021800	
POSX_ServiceSoap_SoapError_getCode	9028300	022200	022400
POSX_ServiceSoap_SoapError_getText	9029100	022600	
WSDL2R88_OperatingSystem_getRelease	11005400		
BASICS1RG_BasicProperties_getString	70007300		
BASICS1RG_BasicProperties_putString	70011900		
BASICS1RG_BasicProperties_getHeapID	70017200		
BASICS1RG_BasicProperties_newKeySet	70021200		
WSDL2R88_Log4rpg_startLoggingService	11004300		
BASICS1RG_BasicProperties_getInteger	70008500		

BASICS1RG_BasicProperties_getBoolean	70009600	
BASICS1RG_BasicProperties_getDecimal	70010700	
BASICS1RG_BasicProperties_putInteger	70013100	
BASICS1RG_BasicProperties_putBoolean	70014200	
BASICS1RG_BasicProperties_putDecimal	70015300	
POSX_ServiceSoap_Attachments_getNumE	9039800	
LOG4RPG01_Logger_setInternalDebugging	13054300	
LOG4RPG01_Logger_getInternalDebugMode	13056100	
BASICS1RG_BasicProperties_containsKey	70006300	
POSX_ServiceSoap_Attachments_getAtPos	9038600	
BASICS1RG_BasicProperties_loadFromStmf	70004300	
POSX_ServiceSoap_Port_hasLoginCallback	9032500	
POSX_ServiceSoap_Attachments_removeAll	9040800	
POSX_ServiceSoap_Attachments_setFolder	9041800	
POSX_ServiceSoap_Attachments_getFolder	9042700	
LOG4RPG01_Logger_getInternalDebugOutput	13057600	
POSX_ServiceSoap_RedirectResponse_write	9045700	
BASICS1RG_BasicProperties_loadFromMember	70003000	
POSX_ServiceSoap_RedirectResponse_toStmf	9043600	
LOG4RPG08_Configurator_clearConfiguration	13065000	
BASICS1R8_MemoryManager_getDefaultManager	53009300	
POSX_ServiceSoap_RedirectResponse_isActive	9044800	
POSX_ServiceSoap_Port_registerLoginCallback	9031600	017600
POSX_ServiceSoap_RedirectResponse_terminate	9046800	
BASICS1R7_f_clcLengthOfRPGIntFieldFromBufSize	37008600	
LOG4RPG08_Configurator_loadDefaultConfiguration	13059600	
LOG4RPG08_Configurator_loadPropertiesConfiguration	13061200	
LOG4RPG08_Configurator_loadAndWatchPropertiesConfiguration	13063000	

## Imported fields:

Field	Attributes	Defined
environ	*(16)	72089000
_EXCP_MSGID	A(7)	72002800
_C_IFS_stderr	*(16)	72002200
_C_IFS_stdin	*(16)	72002000
_C_IFS_stdout	*(16)	72002100

Exported fields:

Field

Attributes

Defined

No references in the source.

\* \* \* \* \* E N D O F E X T E R N A L R E F E R E N C E S \* \* \* \* \*

## M e s s a g e S u m m a r y

Msg id Sv Number Message text

\*RNF5409 00 1 The prototyped call returns a value which is lost when CALLP  
is used.

\*RNF7031 00 1561 The name or indicator is not referenced.

\*RNF7551 10 1 Decimal positions are truncated for an operation in an  
expression.

\* \* \* \* \* E N D O F M E S S A G E S U M M A R Y \* \* \* \* \*

## F i n a l S u m m a r y

## Message Totals:

Information (00)	:	1562
Warning (10)	:	1
Error (20)	:	0
Severe Error (30+)	:	0
-----		
Total	:	1563

## Source Totals:

Records	:	9976
Specifications	:	5837
Data records	:	0
Comments	:	3346

\* \* \* \* \* E N D O F F I N A L S U M M A R Y \* \* \* \* \*

Module SMOE0258 placed in library ROBINK. 10 highest severity. Created on 07/10/14 at 12:15:04.

\* \* \* \* \* E N D O F C O M P I L A T I O N \* \* \* \* \*