

| <b><u>Enhancements During 7.2 Development Cycle</u></b>                | <b><u>7.1</u></b> | <b><u>7.2</u></b> | <b><u>7.3</u></b> | <b><u>7.4</u></b> | <b><u>7.5</u></b> |
|------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| XML-INTO namespaces options                                            | ptf               | X                 | X                 | X                 | X                 |
| XML-INTO case=convert                                                  | ptf               | X                 | X                 | X                 | X                 |
| CCSIDCVT keyword to list or give exceptions during auto-converts       | ptf               | X                 | X                 | X                 | X                 |
| Date/Time efficiency VALIDATE(*NODATETIME)                             | ptf               | X                 | X                 | X                 | X                 |
| Open Access                                                            | ptf               | X                 | X                 | X                 | X                 |
| CCSID support on A data type (and UTF-8)                               |                   | X                 | X                 | X                 | X                 |
| CCSID(*EXACT)                                                          |                   | X                 | X                 | X                 | X                 |
| CCSID(*HEX) and hex literals                                           |                   | X                 | X                 | X                 | X                 |
| Conversion During Concatenation                                        |                   | X                 | X                 | X                 | X                 |
| OPENOPT(*NOCVTDATA) and DATA(*NOCVT)                                   |                   | X                 | X                 | X                 | X                 |
| /SET and /RESTORE                                                      |                   | X                 | X                 | X                 | X                 |
| Control %SUBDT Length                                                  |                   | X                 | X                 | X                 | X                 |
| Timestamps up to 12 fractional digits (why??)                          |                   | X                 | X                 | X                 | X                 |
| Free-Format H, F, D and P specs                                        | ptf               | X                 | X                 | X                 | X                 |
| No more need for /free and /end-free                                   | ptf               | X                 | X                 | X                 | X                 |
| File/Definitions Can be In Any Sequence (Fixed/Free)                   | ptf               | X                 | X                 | X                 | X                 |
| EXPORT(*DCLCASE)                                                       |                   | X                 | X                 | X                 | X                 |
|                                                                        |                   |                   |                   |                   |                   |
| <b><u>Enhancements During 7.3 Development Cycle</u></b>                | <b><u>7.1</u></b> | <b><u>7.2</u></b> | <b><u>7.3</u></b> | <b><u>7.4</u></b> | <b><u>7.5</u></b> |
| **FREE ("fully free form")                                             | ptf               | ptf               | X                 | X                 | X                 |
| %SCANR BIF                                                             |                   |                   | X                 | X                 | X                 |
| Length Parameter to %SCAN                                              |                   |                   | X                 | X                 | X                 |
| Improved ALIAS support                                                 | ptf               | ptf               | X                 | X                 | X                 |
| Relaxed DS I/O rules                                                   | ptf               | ptf               | X                 | X                 | X                 |
| Improvements to DB Null Support -- NULLIND                             |                   |                   | X                 | X                 | X                 |
| Improvements to PCML generation                                        | ptf               | ptf               | X                 | X                 | X                 |
| DCLOPT(*NOCHGDSLEN)                                                    | ptf               | ptf               | X                 | X                 | X                 |
|                                                                        |                   |                   |                   |                   |                   |
| <b><u>Enhancements During 7.4 Development Cycle</u></b>                | <b><u>7.1</u></b> | <b><u>7.2</u></b> | <b><u>7.3</u></b> | <b><u>7.4</u></b> | <b><u>7.5</u></b> |
| Varying-dimension arrays                                               |                   |                   |                   | X                 | X                 |
| DIM(*CTDATA)                                                           |                   |                   |                   | X                 | X                 |
| SAMEPOS DS keyword                                                     |                   |                   | ptf               | X                 | X                 |
| PSDS subfields for internal job id and system name                     |                   | ptf               | ptf               | X                 | X                 |
| ON-EXIT                                                                |                   | ptf               | ptf               | X                 | X                 |
| Nested Data Structures                                                 |                   | ptf               | ptf               | X                 | X                 |
| DATA-INTO opcode                                                       |                   | ptf               | ptf               | X                 | X                 |
| %PROC BIF                                                              |                   | ptf               | ptf               | X                 | X                 |
| Support for Complex Qualified Names in %ELEM, %SIZE, DEALLOC and RESET |                   | ptf               | ptf               | X                 | X                 |
| %MIN and %MAX BIFs                                                     |                   | ptf               | ptf               | X                 | X                 |
| ALIGN(*FULL)                                                           |                   | ptf               | ptf               | X                 | X                 |
| Compile from Unicode Source (TGTCCSID keyword)                         | ptf               | ptf               | ptf               | X                 | X                 |
| PCML 7.0 Support                                                       |                   | ptf               | ptf               | X                 | X                 |
|                                                                        |                   |                   |                   |                   |                   |

| <b><i>Enhancements During 7.5 Development Cycle</i></b>        | <b><u>7.1</u></b> | <b><u>7.2</u></b> | <b><u>7.3</u></b> | <b><u>7.4</u></b> | <b><u>7.5</u></b> |
|----------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| DATA-GEN                                                       |                   |                   | ptf               | ptf               | X                 |
| OVERLOAD                                                       |                   |                   | ptf               | ptf               | X                 |
| OPTIONS(*EXACT)                                                |                   |                   | ptf               | ptf               | X                 |
| LIKEDS(qualifield.name.here)                                   |                   |                   | ptf               | ptf               | X                 |
| %KDS with variable count                                       |                   |                   | ptf               | ptf               | X                 |
| %TIMESTAMP with microseconds/*UNIQUE                           |                   |                   | ptf               | ptf               | X                 |
| DEBUG(*RETVL)                                                  |                   |                   | ptf               | ptf               | X                 |
| REQPREXP( *REQUIRE or *WARN )                                  |                   |                   | ptf               | ptf               | X                 |
| %RANGE                                                         |                   |                   | ptf               | ptf               | X                 |
| %LIST                                                          |                   |                   | ptf               | ptf               | X                 |
| FOR-EACH loops                                                 |                   |                   | ptf               | ptf               | X                 |
| EXPROPTS(*ALWBLANKNUM or *USEDECEDIT)                          |                   |                   | ptf               | ptf               | X                 |
| EXPROPTS(*STRICTKEY)                                           |                   |                   | ptf               | ptf               | X                 |
| %UPPER and %LOWER                                              |                   |                   | ptf               | ptf               | X                 |
| %SPLIT                                                         |                   |                   | ptf               | ptf               | X                 |
| %MAXARR and %MINARR                                            |                   |                   | ptf               | ptf               | X                 |
| SORTA with multiple %FIELDS                                    |                   |                   | ptf               | ptf               | X                 |
| DEBUG(*CONSTANTS)                                              |                   |                   | ptf               | ptf               | X                 |
| SND-MSG                                                        |                   |                   | ptf               | ptf               | X                 |
| ON-EXCP                                                        |                   |                   | ptf               | ptf               | X                 |
|                                                                |                   |                   |                   |                   |                   |
| <b><i>Enhancements During i+1 (7.6?) Development Cycle</i></b> | <b><u>7.1</u></b> | <b><u>7.2</u></b> | <b><u>7.3</u></b> | <b><u>7.4</u></b> | <b><u>7.5</u></b> |
| OPTIONS(*CONVERT)                                              |                   |                   |                   | ptf               | ptf               |
| %CONCAT and %CONCATARR                                         |                   |                   |                   | ptf               | ptf               |
| CHARCOUNT, CHARCOUNTTYPES, *NATURAL                            |                   |                   |                   | ptf               | ptf               |
| PCML 8.0 (with boolean)                                        |                   |                   | ptf               | ptf               | ptf               |
| RPGPPOPT with long records (PPMINOUTLN)                        |                   |                   | ptf               | ptf               | ptf               |
| %PASSED and %OMITTED                                           |                   |                   |                   | ptf               | ptf               |
| SELECT w/Expression, WHEN-IS, WHEN-IN                          |                   |                   |                   | ptf               | ptf               |
| *ALLSEP option for %SPLIT                                      |                   |                   |                   | ptf               | ptf               |