What compiler options and properties should I use for mainframe migrations with UniKix?

Here are some guidelines and examples:

Recommended set of isCOBOL compiler options to start with for TPE and BPE projects:

-align=8 -cax -csl -cv -dcmi -di -dv=0 -dz -m1 -pt2 -sa

Note that these options may not suit every application. For example, supplying -dz can actually *break* some applications if you are expecting decimal truncation to occur.

Option to add for using figurative constants QUOTE and QUOTES

-apost

Option to add for copybook extensions (like MF COPYEXT)

-ce=cpy:def:cob

Option to add to make LINE SEQUENTIAL the default for file SEQUENTIAL

-cfl

Option to enable IBM mainframe host compatible numeric comparisons

-chnc

Option to enable IBM mainframe host compatible numeric moves

-chnm

Option to add for Slide OCCURS DEPENDING ON behavior (like MF ODOSLIDE)

-cod1

Option to add for Panvalet includes (++INCLUDE statements)

-cpanv

Option to imply record varying size

-crv

Option to add for error file

-ef

Option to add for listing

-ld

Option used in 64-bit projects:

-d64

Option to add for debugging:

-dx

Option to add to specify an output directory:

-od=/opt/omi/prod/object

Option to remove words from the reserved words list:

-rw=CENTURY-DATE,COLOR,COMMAND-LINE,CURRENT-DATE,CURSOR,CYCLE,DAY-OF-WEEK,END-DISPLAY,EXCLUSIVE,HIGHLIGHT,INDEPENDENT,MANUAL,MENU,METHOD,PRINTER,PRIORITY,PROGRAM-STATUS,REMARKS,SCROLL,SERVICE,SWITCH,SYSTEM-INFO,TAB,TABY,WIDTH,YYYYMMDD,ZERO-FILL

Option to specify the copy path

-sp=$COBCPY

Property setting to look for file names in environment variables

iscobol.file.env_naming=1

Property setting to allow control characters in line sequential files like the Micro Focus +N runtime switch

iscobol.file.linesequential=com.iscobol.io.DynamicLSeqMF_N

Property setting to strip trailing spaces from the lines in line sequential files

iscobol.file.strip_trailing_spaces=true

Property to set the file status data item and continue execution instead of aborting after a serious file error

iscobol.file.errors_ok=2

Online URL: https://support.veryant.com/phpkb/article.php?id=182