
COBOL KeePÍR for Gener/OL to CICS

Technical Product Overview

Gener/OL to CICS COBOL

PÍR Group presents COBOL KeePÍR for Gener/OL to CICS –

COBOL KeePÍR for Gener/OL to CICS is an automated conversion utility that converts Mainframe Gener/OL into CICS COBOL. The tool provides a seamless conversion the CICS COBOL environment. Elimination of the Gener/OL product license allows for greater resource support options.

General Features

The utility supports both conversational and pseudo conversational program structure;

All comments contained in the original code are carried over into the converted code;

COBOL data-names generated by the utility are extensions of existing field-names found in the program;

All copybooks are converted and retain the same identity;

All code is reformatted and restructured into standard COBOL;

The conversion is transparent to the user. No changes in input method are required;

The JCL is manually addressed to handle the differences

Screen/Program Features

The tool will create the assembler macros necessary to generate a BMS map set definition and a COBOL copybook which reflects the structure of the BMS buffer;

GENER/OL screen attribute handling is converted into standard CICS attribute handling;

The tool creates all of the COBOL sections; Identification, Environment, etc.;

The tool inserts any additional working storage areas needed for screen buffer area, record areas, work areas, and all necessary CICS areas;

The tool inserts the communication area into the linkage section;

Where necessary the tool will insert the appropriate CICS handle conditions;

GENER/OL verb conversion;

MAP into

**Load screen buffer from the map work area
EXEC CICS SEND MAP;**

GETMAP into

**EXEC CICS RECEIVE MAP
Load the map work area from the screen buffer area;**

GOSUB into PERFORM;

DO WHILE into PERFORM UNTIL;

RETURN into standard CICS RETURN;

NEWPROG into standard CICS RETURN with the name of the next transaction to invoke;

All other GENER/OL commands/verbs are converted appropriately

The tool also maintains the appropriate EIBAID for the corresponding PFKey;

All COBOL file access commands are converted into EXEC CICS access commands

PÍR Group/COBOL KeePÍR FEATURES NOT SUPPORTED:

- 3270 data streams

AREAS REQUIRING MANUAL INTERVENTION:

- Certain uses of BLL Cells
- JCL created by the Cobol program
- EASYTRIEVE
- DOS/VSE \$LST Cards
- Assembler programs
- C programs
- BMS paging options used on screens
- Light Pen & Bar Coding functionality
- Some areas of “Report Writer” programs

FOR ADDITIONAL INFORMATION CONTACT:

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