

Source Program Compare

Available for VSE and MVS

Compare two versions of a program, JCL, CL, or any Source File and print a listing showing all the differences (adds, deletes, and modifications).

Source Program Compare (SPC) is a very useful tool for programmers, data processing auditors, and managers.

It handles adds and deletes and does not use sequence numbers. It has options to compare on columns 7-72 (for COBOL, DDS), 6-74 (for RPG), 1-72 (for Assembler), or 1-80 (for JCL, CL, or data). The VSE and MVS versions allow you to optionally ignore comments, blank lines, etc. so you only see the changes that affect the executable code.

You may print changes only, changes in context (10 lines that precede the change and the 10 lines following the change), or print the entire program with the changes highlighted.

An option is included to write a file of the added/changed statements to be used for updating a new release when the old release has been customized.

For a FREE 30-DAY TRIAL, call or send the enclosed agreement.

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OLD=GLOSSARY.TEST (OLD VERSION) NEW=GLOSSARY.C (LIVE VERSION)

Heading shows which programs are being compared

ACCESS SUBLIB=MACK.GLO

D CATALOG GLOSSARY.TEST REPLACE=YES
A CATALOG GLOSSARY.C REPLACE=YES

000003 IDENTIFICATION DIVISION.
000004 PROGRAM-ID. GLOSSARY.
000005* COPYRIGHT 1993 MACKINNEY SYSTEMS.

000034 ASSIGN TO SYS007-GLOSSRY
000035 ORGANIZATION IS INDEXED
000036 RECORD KEY IS GLO-KEY

Changed lines are highlighted by lines of hyphens. Then deleted lines print, followed by the added lines (if any) which replaced them. Three lines before the change and three lines following the change are printed showing the context. The number of lines (three in this case) is controlled by a parameter in the JCL for VSE and MVS users. It defaults to 10 lines in the other versions.

D 000037 ACCESS IS RANDOM
A 000037 ACCESS IS SEQUENTIAL
A 000038* ACCESS IS RANDOM REPL 1/6/1999 SM

000039 FILE STATUS IS GLO-STATUS.
000040 EJECT
000041 DATA DIVISION.

000061* I=INCLUDED MODULES (SPM) WHERE-USED
000062* L=LITERALS TO BE LISTED WHERE-USED
000063* T=INVALID VERBS USED IN CICS COMMAND LEVEL PGM

A 000064* U=CICS COMMANDS
A 000065* V=DLI COMMANDS
A 000066* W=RESERVED WORDS TO BE LISTED WHERE USED

000067 05 SR-MAJOR-SORT PIC X(30).
000068 05 SR-LIBRARY-NAME PIC X(8).
000069 05 SR-LIBRARY-SUB-NAME PIC X(8).

Sequence numbers may be assigned by SPC if the source to be compared does not have meaningful sequence numbers.

000175* TO USE CA-LIBRARIAN INTERFACE, REMOVE THE
000176* ASTERISK ON 'COPY GLOLIBPD' AND DELETE THE
000177* 'COPY GLOLIBXX' STATEMENT.

D 000174* THE 'COPY GLOLIBXX' CONTAINS DUMMY PARAGRAPHS
D 000175* TO AVOID DIAGNOSTICS FROM SITES WHO DON'T USE
D 000176* CA-LIBRARIAN. WE CAN'T USE THE GLOLIBPD COPY
D 000177* FOR THOSE SITES SINCE IT CALLS LIBRARIAN
D 000178* PROGRAMS WHICH THOSE SITES DON'T HAVE.

000178* COPY GLOLIBPD.
000179 COPY GLOLIBXX.
000180* ***** BIMEDIT CODE *****

** END OF FILE **
TOTAL LINES DELETED 7
TOTAL LINES ADDED 6

The 'D' or 'A' indicates Deleted or Added lines. A modified line will show as Deleted (old version) and Added (new version).