

basic systems MARKETING SUPPORT SERVICES

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SMP/SMC FILES

ABSTRACT

This bulletin will explain SMP/SMC files and user options to scratch or retain them.

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INTRODUCTION

The SYSTEM MAINTENANCE PACKAGE (SMP) was incorporated in OS/3 release 7.0.1. This bulletin provides information on SMP/SMC files and their relationship to the system.

SMP/SMC FILES

FILE NAME

DESCRIPTION

\$Y\$SMCLOG

A MIRAM data file containing information relating to all the SMCs applied to the system. The job SMCLIST gathers it's information from this file and prints a one or two part listing depending on options used at run time. If the long report of the job SMCLIST is desired this run statement can be entered:

" RV SMCLIST "

The long report of the job SMCLIST lists the following information.

1. SMC number
2. component number
3. program product type number
4. system (series/90,system 80 or common)
5. required re-gens
6. date of application
7. time of application
8. method of application by SMP or SMC program
9. character (exception,optional or required)
This code is taken from the first card in an SMC correction job stream from column 58.
10. SMC/SMP status
 - a. SMC backed-up
 - b. SMC not backed-up
 - c. SMC replaced
 - d. backed out

If the abbreviated report of the job SMCLIST is desired your run statement can be entered as follows.

" RV SMCLIST,,SEQ1=SMC#,FMT=C "

The abbreviated format of the the job SMCLIST prints only the SMC numbers in numerical sequence.

FILE NAME	DESCRIPTION
SMCBSAT	The SMCBSAT (backout) file is in librarian format and will contain a copy of the corrected or replaced librarian module(s) as they existed prior to the last SMP application, or SMC application if no SMPs have been applied.
SMCBMIR	The SMCBMIR (backout) file is in MIRAM librarian format and will contain a copy of the corrected or replaced mlb module(s) as they existed prior to the last SMP application, or SMC application if no SMPs have been applied.
SMCBTRAN	The SMCBTRAN (backout) file is in transient format and contains a copy of the corrected or replaced transient module(s) as they existed prior to the last SMP application, or SMC application if no SMCs have been applied.
M\$C07XXXX	These files contain libs,mlb or transient modules used as input to the corresponding SMC. These files are required for subsequent back-out and reapplication processing.
SMCFIL	The SMCFILE is in librarian format and contains the actual image of all SMCs as they have been applied as of the last SMP.
SMCAUDIT	The SMCAUDIT file contains a log of all activity that occurred during the SMC update job step.
SMPSAT	The SMPSAT file contains all the programs that are required to run the SMP/SMC updates.

The user must note that if the back-out facility (B=Y) is used on the RUN statement, none of the above mentioned files can be scratched from his SYSRES pack, for they will be required to successfully perform the back-out and reapplication of SMCs which affect module(s) that are being backed out. These files can be copied to another disk pack, tape or diskette for backup purposes only and then scratched from the disk (except for the \$Y\$SMCLOG file). The \$Y\$SMCLOG file is a system file and as such cannot be scratched or restored to a SYSRES pack. Before the actual back-out procedure is run, these files must be restored to your SYSRES pack.

By the same token, if the back-out facility is not chosen at run time, the three back-out files (SMCBSAT, SMC MIR, SMC BTRAN) are not allocated by the SMP program. Only the 'M\$' files are copied from the SMP diskette(s) to your SYSRES pack. These 'M\$' files can be scratched to release space on the SYSRES pack.

If the user does not wish to continue to use the backout capability, he may use the "INIT" (B=INIT) parameter or menu selection '7' (RELEASE 8 and on) to scratch the backup files, and update the \$Y\$SMCLOG file to reflect the absence of the back-out files.

Refer to these documents for additional information:

SMP DOCUMENT	
SYSTEM RELEASE DESCRIPTION	-UP-9210
SYSTEM INSTALLATION USER GUIDE/PROGRAMMER REFERENCE	-UP-8839
	-UP-8074
TECHNICAL BULLETIN #24	