

TO: MIB DISTRIBUTION  
FROM: Arlene Scherer  
DATE: September 06, 1974  
SUBJECT: ONLINE INSTALLATION CHANGES

The following is a list of changes to the standard service system, maintenance tools, author maintained and installation maintained libraries for the week beginning September 03, 1974.

HOW TO READ THIS LISTING:

Each modification is preceded by the MCR number covering it (if there is one), and a brief explanation of the change.

This information is followed by the name of the object segment, help file, include file, or bound segment (or group of the above) involved in the modification.

Also given is the date and time of installation, and the name of the system library to which the change was made.

For bound segments, a list of the components follows, as well as the action which was taken with regard to each component.

An explanation does not accompany the listing of a segment which was "de-installed", or removed because of some problem, but the original installation information may be considered inoperative.

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MCR 722: All ring 1 gates were recompiled with a new version of gate\_macros.incl.mexp to plug a security hole which allowed Ring 1 gates to obtain their linkage pointer from the LOT of the ring from which they are called.

09/03/74 1525.3 deh\_test\_gate\_ replaced in TOOLS

09/03/74 1525.3 tape\_admin\_ replaced in TOOLS

09/03/74 1525.3 message\_segment\_ replaced in SSS

09/03/74 1525.3 installation\_tools\_ replaced in TOOLS

09/03/74 1525.3 gate\_macros.incl.mexp replaced in INCL

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No MCR: In an emergency fix, the executable object for bound\_fscom2\_ was replaced because the link command would not work.

09/05/74 1317.2 bound\_fscom2\_ replaced in SSS

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Segment bound\_fscom2\_ was replaced in SSS to make a variety of improvements: MCR 617: implement the "-long" option with adjust\_bit\_count; MCR 616: allow adjust\_bit\_count to set the bc of an msf correctly; MCR 557: Fix bug in copy/move by removing call to term\_; MCR 615: add entry msf\_acl to copy\_acl\_; MCR 558: fix incorrect use of error\_table\_\$moderr by copy\_seg\_; MCR 614: fix copy\_seg\_ to use the curlength of an msf instead of the bit count; MCR 643: fix copy\_seg\_ to correctly set max length on an msf; MCR 610: Fix status to print no\_s\_permission when indicated; MCR 623: fix status to report msf inconsistencies; MCR 556: fix bug in get\_equal\_name\_; MCR 568: fix two bugs in nd\_handler\_ (failure to print message when unable to remove an old entry, and erroneous msf message on a name\_dup); MCR 578: fix get\_quota to use the extended star convention; MCR 459: add underscores to all two\_word commonly used command names (i.e, create\_dir instead of createdir).

09/06/74 1652.2 bound\_fscom2\_ replaced in SSS

added: set\_quota

replaced: copy

copy\_seg\_

copy\_acl\_

rename

create

status

nd\_handler\_

get\_equal\_name\_

adjust\_bit\_count

adjust\_bit\_count\_

bound\_fscom2\_.bind

deleted: setquota

09/06/74 1652.2 create.info added to INFO  
09/06/74 1652.2 create\_dir.info added to INFO  
09/06/74 1652.2 delete\_name.info added to INFO  
09/06/74 1652.2 move\_quota.info added to INFO  
09/06/74 1652.2 get\_quota.info replaced in INFO

(renamed from quota.info)

09/06/74 1708.1 rename.info added to INFO  
09/06/74 1708.1 add\_name.info added to INFO

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MCR's 459, 593: The phonetic underscore was applied to commands delete\_force, list\_names and list\_totals. In addition, misleading error messages by delete\_dir and unlink were clarified to print "x is not a directory/file/link, whichever the case may be.

09/06/74 1739.7 bound\_fscom1\_ replaced in SSS

replaced: delete  
list

09/06/74 1739.7 list.info replaced in INFO  
09/06/74 1739.7 delete.info added to INFO  
09/06/74 1739.7 delete\_dir.info added to INFO

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No MCR: Two new info segments were added. Please type "help pl1\_abs" and "help exec\_com".

09/06/74 1758.7 exec\_com.info added to INFO  
09/06/74 1758.7 pl1\_abs.info added to INFO