

Saltzer

MULTICS INSTALLATION BULLETIN

MIB-312

TO: MIB DISTRIBUTION  
 FROM: Cynthia W. Anderson  
 DATE: January 28, 1977  
 SUBJECT: ONLINE INSTALLATION CHANGES

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 The following is a list of changes to the standard service system, tools, network, unbundled, author maintained and installation maintained libraries for the week beginning January 24, 1977.

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MCR # : Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
	COMPONENT changes (if any)	

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MCR 2437: Installed new bound\_proj\_admin\_ (SSS) with new control arguments added to proj\_usage\_report. Please type "help proj\_usage\_report" for more information.

01/25/77	1515.2	proj_usage_report.info added to INFO
01/25/77	1515.2	proj_usage_report.info deleted from IIS
01/25/77	1515.2	bound_proj_admin_ replaced in SSS
		replaced: proj_usage_report

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MCR 2409: Installed new bound\_full\_cp\_ (SSS) with a change to abs\_io\_ fixing a bug which caused a bad error code to be returned under some circumstances.

01/25/77	1522.6	bound_full_cp_ replaced in SSS
		replaced: abs_io_

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MCR 2421: Installed new bound segment, bound\_printing\_cmds\_ (SSS), containing calendar and bigletter\_, which was removed from bound\_print\_sheets\_ in TOOLS. This installation fixes calendar not to output a NUL character which was sometimes

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spoiling the output if the user was printing at a terminal.

01/25/77 1717.9 bound\_print\_sheets\_ replaced in TOOLS

replaced: bound\_print\_sheets\_.bind

deleted: bigletter\_  
letseg\_

01/25/77 1717.9 calendar deleted from SSS

01/25/77 1717.9 bound\_printing\_cmds\_ added to SSS

added: calendar  
bigletter\_  
letseg\_  
bound\_printing\_cmds\_.bind

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MCR 2448: Installed new cv\_ (TOOLS) fixing bug in cv\_\$mwvf which caused .12 to be printed as \$-12 without a decimal point.

01/25/77 1728.9 cv\_ replaced in TOOLS

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MCR's 2414 & 2469: Installed new bound\_fscom2\_ (SSS) with a change to adjust\_bit\_count so that it will not attempt to adjust the bit count of a directory when invoked with a starname, and a change to rename so that "rename -nm" will no longer fail spuriously.

01/25/77 1737.5 bound\_fscom2\_ replaced in SSS

replaced: rename  
adjust\_bit\_count

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MCR's 2395 & 2277: Installed new bound\_info\_rtns\_ (SSS) with changes to print\_motd so that it will initiate the system motd instead of a copy to it, and changes to where so that it will now accept entry point names as arguments. Please type "help where" for more information.

01/25/77 1745.8 where.info replaced in INFO

01/25/77 1745.8 bound\_info\_rtns\_ replaced in SSS

replaced: print\_motd  
where

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MCR's 1042, 1157, 2003, & 2004: Installed new library maintenance tools: library\_cleanup, library\_info, library\_fetch, library\_map, library\_print, library\_descriptor, and library\_descriptor\_compiler (all in bound\_library\_tools\_ in TOOLS). Please type "help library\_descriptor", "help library\_fetch", and "help library\_info" for more information.

```
01/26/77  1129.6  lib_Scontrol_.incl.pl1 added to INCL
01/26/77  1129.6  lib_Svalid_req_.incl.pl1 added to INCL
01/26/77  1129.6  lib_arg_struct_.incl.pl1 added to INCL
01/26/77  1129.6  lib_args_.incl.pl1 added to INCL
01/26/77  1129.6  lib_based_args_.incl.pl1 added to INCL
01/26/77  1129.6  lib_commands_.incl.pl1 added to INCL
01/26/77  1129.6  lib_descriptor_.incl.pl1 added to INCL
01/26/77  1129.6  lib_fcb_.incl.pl1 added to INCL
01/26/77  1129.6  lib_list_.incl.pl1 added to INCL
01/26/77  1129.6  lib_node_.incl.pl1 added to INCL
01/26/77  1129.6  lib_paged_output_data_.incl.pl1 added to INCL
01/26/77  1129.6  library_descriptor.info added to INFO
01/26/77  1129.6  library_fetch.info added to INFO
01/26/77  1129.6  library_info.info added to INFO
01/26/77  1129.6  multics_libraries_ added to TOOLS
01/26/77  1129.6  bound_library_tools_ added to TOOLS
      added:  library_print
              library_cleanup
              library_map
              library_descriptor
              library_info
              library_fetch
              lib_fetch_
              lib_args_
              lib_descriptor_
              lib_get_tree_
```

multics\_library\_search\_  
lib\_ptr\_and\_bc\_  
lib\_free\_node\_  
tct\_  
lib\_sort\_tree\_  
lib\_output\_node\_list\_  
lib\_paged\_output\_  
lib\_node\_path\_  
lib\_output\_node\_  
lib\_next\_name\_  
status\_data\_  
lib\_access\_mode\_  
lib\_error\_list\_  
library\_descriptor\_compiler  
bound\_library\_tools\_.bind