TO: MIB DISTRIBUTION

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SUBJECT: ONLINE INSTALLATION CHANGES

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 February 3, 1975.

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 infor-
mation may be considered inoperative.

*****
MCR's 654, 721, 863, 925: The new "trace" command was added to
SSS. Please type "help trace". In addition, the bindfile for
bound_trace_stack_ was changed in this installation.

02/03/75   1438.2   bound_trace_stack_ replaced in SSS

02/03/75   1438.2   bound_trace_ added to SSS

           added: trace
                       trace_
                       trace_print_
                       trace_catch_
                       get_entry_ptr_
                       print_arg_list_
                       arithmetic_to_ascii_
                       bound_trace_.bind

02/03/75   1438.2   trace.info added to INFO

02/03/75   1438.2   multics_data_types.incl.pl1 added to INCL

02/03/75   1438.2   tracetable.incl.pl1 added to INCL

*****
MCR's 665, 733: The new "probe" command was added to the SSS
library. Please type "help probe".

02/03/75   1518.4   bound_probe_ added to SSS

           added: probe_error_
                       probe
                       scan_probe_input_
                       probe_operate_
                       probe_evaluate_
                       find_location
                       procedure_info_
                       invoke_function
                       print_reference
                       assign_reference
                       compare_reference
                       source_segment_
                       symbol_attributes
                       symbol_name
                       line_number
                       get_block_name_
                       stack_trace_
                       break_manager_
                       probe_map_sequence_
                       bound_probe_.bind

02/03/75   1518.4   status_info.incl.pl1 replaced in INCL

02/03/75   1518.4   acls.incl.pl1 replaced in INCL

02/03/75   1518.4   procedure_info.incl.pl1 added to INCL

02/03/75   1518.4   probe_stacks.incl.pl1 added to INCL

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02/03/75   1518.4      probe_source.incl.pl1 added to INCL

02/03/75   1518.4      probe_scratch.incl.pl1 added to INCL

02/03/75   1518.4      probe_pointers.incl.pl1 added to INCL

02/03/75   1518.4      probe_tokens.incl.pl1 added to INCL

02/03/75   1518.4      probe_operators.incl.pl1 added to INCL

02/03/75   1518.4      probe_get_stmt_no.incl.pl1 added to INCL

02/03/75   1518.4      probe_find_block.incl.pl1 added to INCL

02/03/75   1518.4      probe_errors.incl.pl1 added to INCL

02/03/75   1518.4      probe_break_stack.incl.pl1 added to INCL

02/03/75   1518.4      probe_break_declares.incl.pl1 added to INCL

02/03/75   1518.4      break_slot.incl.pl1 added to INCL
```

*****

```
02/03/75   1526.7      probe.info added to INFO
```

*****

MCR 884: The change_wdir command was replaced to report errors
returned by hcs_$fs_search_set_wdir.

```
02/04/75   1404.6      bound_fscom1_ replaced in SSS

           replaced:   change_wdir
```

*****

MCR 977: Backup was replaced to catch faults taken while
accessing user's segments, and to correctly access segments with
max length less than the current length
  times 1024. (bugs 343 and 349).

```
02/04/75   1409.2      bound_dumper_ replaced in TOOLS

           replaced:   backup_dump_recurse
                       bk_output
```

*****

MCR 965: The copy_seg_ routine was replaced to allow it to
create a copy of a multi-segment file through any existing
links.

```
02/04/75   1523.5      bound_fscom2_ replaced in SSS

           replaced:   copy_seg_
```

*****

MCR 878: Module lar_util_ in bound_absentee_com_ was replaced to
make list_daemon_requests know about the non-edited option.

```
02/04/75   1531.7      bound_absentee_com_ replaced in SSS
```

       replaced: lar_util_

*****
MCR's 417, 958: The "do" command was fixed to pick up its first
argument with cu_$arg_ptr and cu_$af_arg_ptr. (958). Other
programs in the full command processor were changed to use EIS
builtin functions.

02/04/75   1554.7   bound_full_cp_ replaced in SSS

       replaced: do
                     abbrev
                     find_command_error_
                     full_find_command_
                     full_command_processor_
                     proc_quotes_
                     proc_parens_
                     eval_ec_if_test_
                     length
                     index_set
                     user
                     system
                     path
                     query

*****
MCR 987: The Pl1o package was replaced so that PL1 files ill now
be properly closed when the finish condition is signalled.

02/05/75   1128.3   bound_pl1o2_ replaced in LANG

       replaced: pl1o2_open_

*****
MCR 553: The new command post_purge_meters was added to the
miscellaneous metering tools. Include segment tcm.incl.pl1 was
replaced.

02/06/75   1538.7   bound_misc_metering_ replaced in TOOLS

       added: post_purge_meters

       replaced: bound_misc_metering_.bind

02/06/75   1538.7   tcm.incl.pl1 replaced in INCL

*****
MCR 960: The administrative/maintenance tools for support of the
Access Isolation mechanism were added to Tools, in a bound
segment called bound_ssa_commands_.

02/06/75   1619.4   bound_ssa_commands_ added to TOOLS

       added: reclassify_dir
                     reset_soos
                     set_system_priv
                     bound_ssa_commands_.bind

*****
No MCR: The full command processor was replaced after an

apparent bad copy was discovered.

02/07/75 1613.4   bound_full_cp_ replaced in SSS

              replaced: do
                          abbrev
                          find_command_error_
                          full_find_command_
                          full_command_processor_
                          proc_quotes_
                          proc_parens_
                          eval_ec_if_test_
                          length
                          index_set
                          user
                          system
                          path
                          query