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 August 25, 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: 1251, 1277, 1278, 1279, 1295: Many changes have been made
to bound_debug_util_ of the sss library. The new version of
get_entry_name_ will now distinguish between a begin block
(having no name) and a proceedure block (having a name). The
component stack_frame_exit_ was also replaced to now recognize
"call" to begin a block. The component interpret_op_ptr_ was
changed to handle additional operators.

08/25/75 1023.6   bound_debug_util_ replaced in SSS

          replaced: stack_frame_exit_
                        interpret_op_ptr_
                        interpret_bind_map_
                        get_entry_name_
                        get_link_ptr_

*****
MCR: 1251: The component getonsource of bound_pl1_runtime_ has
been replaced in the languages library. The new version fixes
the bug which caused a random string to be returned for the
value of onloc() if the condition was raised in a begin block.

08/25/75 1042.7   bound_pl1_runtime_ replaced in LANG

          replaced: getonsource

*****
MCR: 1285, 1286, 1335: The command set_tty of
bound_io_commands_ has been replaced in the sss library. The
new version recognizes "capo" mode and correspondence-code 2741
terminals. The "-type" control argument has been changed to
"-terminal_type" for consistency with the login argument.

08/25/75 1107.4   bound_io_commands_ replaced in SSS

          replaced: set_tty

08/25/75 1107.4   set_tty.info replaced in INFO

*****
MCR: 1309: The component interpret_link_ of bound_segment_info_
has been replaced in the sss library. The new version will now
recognize 4 as the static section indicator.

08/25/75 1135.5   bound_segment_info_ replaced in SSS

          replaced: interpret_link_

*****
MCR: 1325: A change has been made to the load_firmware_file
command of bound_mpc_tools_ in the tools library.

08/25/75 1147.8   bound_mpc_tools_ replaced in TOOLS

          replaced: load_firmware_file

*****
MCR: none: The component ed_mgt of bound_admin_tools_ has been

replaced in the tools library. The change was made to fix the
bug involved in converting from version 1 MGT to version 2 MGT.

08/25/75 1201.4   bound_admin_tools_ replaced in TOOLS

          replaced: ed_mgt

*****
MCR 915: A new I/O Daemon was installed which is structured to
work within the AIM environment at multiple authroizations and
to fix several bugs. A new card input facility was also
installed structured to work within the AIM environment which
corrects a long standing security hole.
     A new version of bound_spooler_util_ (TOOLS) was also
replaced to be compatible with the changes to the I/O Daemon.
     There are new dprint options, a new card input deck format,
and a new card_copy command. Please type "help dprint_changes",
and "help card_io_changes".

08/25/75 1435.8   spool_driver_ added to TOOLS

08/25/75 1435.8   bound_spooler_util_ replaced in TOOLS

          added: spooldim_
                       spool_conv_

          replaced: spooling_dim_xtatch_
                       get_spooling_data_
                       spooling_dim_order_
                       file_monitor_
                       spooling_dim_changemode_
                       spooling_dim_write_
                       print_spooling_tape
                       unspool_
                       spooling_question_handler_
                       spool_static_
                       bound_spooler_util_.bind

          deleted: spooldim
                       spool_head_sheet_
                       spool_conv
                       spool_tail_sheet_

08/25/75 1435.8   bound_prtdim_ replaced in TOOLS

          added: prtdim_util
                       init_printer_
                       printer_images_
                       prt_conv_
                       pr3_conv_
                       pr2_conv_

          replaced: prtdim_attach
                       prtdim_changemode
                       prtdim_order
                       prtdim_write
                       prt_status_table_
                       analyze_device_stat_
                       analyze_system_fault_

```
                            bound_prtdim_.bind

08/25/75   1435.8        bound_card_dims_ replaced in TOOLS

             (renamed from bound_card_io_)

        replaced:        crzcpz_dim
                         crz_status_table_
                         cpz_status_table_
                         mcc_
                         vipunch_
                         raw_
                         raw_dim
                         flipper_
                         bound_card_dims_.bind

        deleted:         read_cards
                         cards_overseer_

08/25/75   1435.8        bound_card_input_ added to TOOLS

        added:           read_cards_
                         cards_overseer_
                         clean_card_pool
                         bound_card_input_.bind

08/25/75   1435.8        bound_absentee_com_ replaced in SSS

        replaced:        cancel_abs_request
                         list_abs_requests
                         lar_util_
                         pl1_abs

08/25/75   1435.8        bound_io_commands_ replaced in SSS

        added:           iod_info_
                         print_request_types
                         copy_cards
                         pool_manager_

        replaced:        dprint
                         dprint_
                         bound_io_commands_.bind

        deleted:         print_io_devices
                         get_iod_defaults_
                         iodc_parse_parms_

08/25/75   1435.8        bound_print_sheets_ replaced in TOOLS

        replaced:        head_sheet_
                         tail_sheet_
                         bound_print_sheets_.bind

08/25/75   1435.8        bound_iodc_ replaced in TOOLS

        added:           iod_tables_compiler
                         print_iod_tables
                         print_devices
```

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              replaced:      create_daemon_queues
                            iodc_overseer_
                            iodc_
                            iodc_message_
                            find_next_request_
                            save_request_
                            unthread_descriptor_
                            free_oldest_request_
                            bound_iodc_.bind

              deleted:        valid_ptr
                            iod_set_streams_
                            find_ready_driver_

08/25/75   1435.8      bound_iodd_ replaced in TOOLS

              added:         printer_driver_
                            parse_command_
                            iodd_command_processor_
                            punch_driver_
                            iodd_quit_handler_
                            write_control_form_
                            form_
                            form_dim_
                            g115_driver_
                            iodd_
                            iodd_hangup_

              replaced:      iodd_listen_
                            io_daemon_account_
                            output_request_
                            iodd_signal_handler_
                            bound_iodd_.bind

              deleted:        iodd_overseer_
                            driver_init_
                            io_daemon_driver_
                            check_wakeup_code_
                            remote_
                            input_cmd_
                            re_init_handler_
                            do_request_
                            iodd_quit_handler

08/25/75   1435.8      admin.ec replaced in >sc1

08/25/75   1435.8      system_start_up.ec replaced in >sc1

08/25/75   1435.8      dev_class_hdr.incl.pl1 deleted from INCL

08/25/75   1435.8      device_class_bf.incl.pl1 deleted from INCL

08/25/75   1435.8      device_driver_info.incl.pl1 deleted from INCL

08/25/75   1435.8      driver_comm.incl.pl1 deleted from INCL

08/25/75   1435.8      iodc_static_based.incl.pl1 deleted from INCL

08/25/75   1435.8      iodd_static_based.incl.pl1 deleted from INCL
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08/25/75   1435.8   remote_tab.incl.pl1 deleted from INCL

08/25/75   1435.8   spool_conv_info.incl.pl1 replaced in INCL

08/25/75   1435.8   status_table.incl.mexp replaced in INCL

08/25/75   1435.8   status_flags.incl.pl1 added to INCL

08/25/75   1435.8   request_descriptor.incl.pl1 replaced in INCL

08/25/75   1435.8   q_group_tab.incl.pl1 added to INCL

08/25/75   1435.8   prt_sdb.incl.pl1 replaced in INCL

08/25/75   1435.8   prt_info.incl.pl1 replaced in INCL

08/25/75   1435.8   prt_conv_info.incl.pl1 replaced in INCL

08/25/75   1435.8   prt_conv_info.incl.alm replaced in INCL

08/25/75   1435.8   output_request_data.incl.pl1 replaced in INCL

08/25/75   1435.8   new_driver_msg.incl.pl1 added to INCL

08/25/75   1435.8   iodd_static.incl.pl1 replaced in INCL

08/25/75   1435.8   iodc_static.incl.pl1 replaced in INCL

08/25/75   1435.8   iodc_data.incl.pl1 replaced in INCL

08/25/75   1435.8   iod_tables_hdr.incl.pl1 added to INCL

08/25/75   1435.8   iod_event_message.incl.pl1 replaced in INCL

08/25/75   1435.8   iod_device_tab.incl.pl1 replaced in INCL

08/25/75   1435.8   driver_status.incl.pl1 added to INCL

08/25/75   1435.8   driver_ptr_list.incl.pl1 added to INCL

08/25/75   1435.8   dprint_msg.incl.pl1 replaced in INCL

08/25/75   1435.8   dprint_arg.incl.pl1 replaced in INCL

08/25/75   1435.8   device_class.incl.pl1 replaced in INCL

08/25/75   1435.8   daemon_msg_hdr.incl.pl1 added to INCL

08/25/75   1435.8   copy_cards.info added to INFO

08/25/75   1435.8   print_request_types.info added to INFO

08/25/75   1435.8   dprint_changes.info added to INFO

08/25/75   1435.8   dprint_.info replaced in INFO

08/25/75   1435.8   dprint.info replaced in INFO

08/25/75   1435.8   card_io_changes.info added to INFO
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08/25/75   1435.8   card_io.info added to INFO

*****
MCR: 1322, 1323: Numerous fixes to bound_probe_ of the sss
library have been installed. It was also changed to use the
version II object map format.

08/25/75   1513.9   bound_probe_ replaced in SSS

           replaced: probe
                          probe_operate_
                          probe_evaluate_
                          find_location
                          procedure_info_
                          print_reference
                          assign_reference
                          symbol_attributes
                          break_manager_
                          probe_map_sequence_

08/25/75   1513.9   probe_errors.incl.pl1 replaced in INCL

08/25/75   1513.9   probe_break_declares.incl.pl1 deleted from INCL

*****
MCR 915: A bug in spool_driver_ (TOOLS) which produced unwanted
garbage was fixed today.

08/28/75   0932.2   spool_driver_ replaced in TOOLS

*****

08/28/75   1053.4   bound_probe_ replaced in SSS

           replaced: probe_error_

*****
MCR: 1333: The component reduction_compiler_ of
bound_misc_translatrs_ has been replaced in the tools library.
The change fixes a bug causing the reduction_compiler to
optimize token storage incorrectly, resulting in lost tokens.

08/28/75   1333.1   bound_misc_translatrs_ replaced in TOOLS

           replaced: reduction_compiler_

*****
MCR: 1047: The command generate_mst of bound_gm_ has been
replaced in the tools library. The new version adds -versid
<name> and -version_id <name> arguments to the command.

08/28/75   1346.3   bound_gm_ replaced in TOOLS

           replaced: generate_mst

*****

08/28/75   1608.0   assign_resource.info added to INFO

08/28/75   1608.0   unassign_resource.info added to INFO

08/28/75 1608.0   list_resources.info added to INFO

*****
MCR: 1284: Many components of bound_stu_ were replaced in the
languages library. The new versions allow for separate static
and other prelinking changes, and allow COBOL structured
qualified label constants.

08/29/75 1401.8   bound_stu_ replaced in LANG

        replaced: decode_runtime_value
                      find_header
                      find_runtime_symbol
                      get_runtime_address
                      remote_format

08/29/75 1401.8   iot.incl.pl1 replaced in INCL