

MULTICS INSTALLATION BULLETIN

TO: MIB DISTRIBUTION
FROM: Arlene Scherer
DATE: June 21, 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 June 17, 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.

MCR's 318, 516: Answering service 7.5 was installed in a Special Session.

06/18/74 1132.4 bound_user_control_ replaced in TOOLS

replaced: dialup_
parse_login_line_
login_parse_
as_data_
aswa_
asu_
cpg_
dpg_
hash_
lg_ctl_
load_ctl_
scramble_
create_homedir_
act_ctl_
device_acct_
as_meter_
daemon_user_manager_
absentee_user_manager_
absentee_utility_
up_sysctl_
up_pdt_
up_ont_
up_sat_
dial_ctl_
rehash_
admin_
as_dump_
as_init_
test_dialup

deleted: dhodh_
linkage_trap_

06/18/74 1132.4 as_error_table_ replaced in TOOLS

MCR 031: An Interim printer DIM was installed to make way for the new hardcore printer DCM. It will eventually be removed.

06/18/74 1609.3 bound_io_daemon_ replaced in TOOLS

replaced: printer_dim_

No MCR: An emergency fix was made to bound_user_control_ due to dialup_ problems which caused the "enter" command to stop working.

06/19/74 1958.3 bound_user_control_ replaced in TOOLS

replaced: dialup_

MCR 574: Metering tools in bound_spg_ and bound_hardcore_db_

were replaced to remove the necessity for phcs_ access (calls to phcs_\$ring_0_peek were changed to ring_zero_peek_).

06/19/74 1221.6 bound_hardcore_db_ replaced in TOOLS

replaced: copy_out
ring_zero_dump

06/19/74 1221.6 bound_spg_ replaced in TOOLS

replaced: spg_ring_0_info_

MCR 535: The message segment package was updated to put in a check for first page overwritten.

06/19/74 1408.7 bound_mseg_ replaced in SSS

replaced: mseg_util_

06/19/74 1408.7 bound_mseg_v1_ replaced in SSS

replaced: mseg_v1_femps_
mseg_util_v1_

06/19/74 1408.7 message_segment_ replaced in SSS

06/19/74 1942.9 bound_user_control_ replaced in TOOLS

replaced: dialup_

MCR 425-part c: In bound_ti_term_, tssi_ was replaced to call the new entries in msf_manager_ which are more efficient.

06/20/74 1137.6 bound_ti_term_ replaced in SSS

replaced: tssi_

MCR 574: Segments meter_gate, meter_util_, print_apr_entry and print_astp_ptp were replaced to remove the need for phcs_ access. MCR 371: Segment total_time_meters was replaced to display the new meters available with 23.10. MCR 462: Command tty_meters was replaced to add the "report_reset" control argument. MCR 's 283, 233, 010: The interrupt_meters command was added to allow interrupt metering: device_meters and tape_meters were modified to support two-channel tape DCM, and to implement DSU-191's.

06/20/74 1147.8 bound_misc_metering_ replaced in TOOLS

added: interrupt_meters

replaced: total_time_meters
meter_util_
device_meters

meter_gate
tty_meters
print_astc_pto
print_apf_entry
tape_meters

MCR's 107, 488, 507: New command sort_seg was added to SSS in a new bound segment called bound_sort_routines_. Command sort_file was moved from bound_misc_commands_ to the new segment. Routines sort_items_indirect_ and sort_items_ were also moved from bound_utility_tools_ in T.

06/21/74 1241.8 bound_misc_commands_ replaced in SSS

deleted: sort_file

06/21/74 1241.8 bound_utility_tools_ replaced in TOOLS

deleted: sort_items_
sort_items_indirect_

06/21/74 1241.8 bound_sort_routines_ added to SSS

added: sort_seg
sort_seg_
sort_items_
sort_items_indirect_

MCR 539: Command reset_use_totals was replaced to make cpu idle time reporting accurate. MCR 574: Command create_lines_file in bound_admin_tools_ and subroutine disk_left_ in bound_admin_rtnes_ were replaced to eliminate phcs_ access needs.

06/21/74 1329.6 bound_admin_tools_ replaced in TOOLS

replaced: create_lines_file

06/21/74 1329.6 bound_admin_rtnes_ replaced in TOOLS

replaced: disk_left_
reset_use_totals

MCR to follow: In an emergency fix, net_tty_ was replaced to remove incompatibility with the new Answering Service which caused the net_mail command to fail.

06/21/74 1527.7 bound_network_logger_ replaced in TOOLS

replaced: net_tty_

MCR 470: The new gcos simulator was installed in SSS and deleted from TOOLS. Please type "help gcos", "help gsp" and "help gspn".

06/21/74 1619.0

bound_gcos_ moved from TOOLS to SSS

added:

gcos_cc_abort_
gcos_cc_dac_
gcos_cc_goto_
gcos_cc_set_
gcos_dump_slave_
gcos_mme_loop_
gcos_mme_rout_
gcos_mme_snap_

replaced:

gcos
gcos_cc_activity_cards_
gcos_cc_caller_
gcos_cc_data_
gcos_cc_endjob_
gcos_cc_file_cards_
gcos_cc_ident_
gcos_cc_limits_
gcos_cc_loader_cards_
gcos_cc_misc_cards_
gcos_cc_prmfl_
gcos_cc_update_
gcos_cleanup_files_
gcos_control_tables_
gcos_create_file_
gcos_ext_stat_
gcos_fault_processor_
gcos_gein_
gcos_gein_pass1_
gcos_get_cc_field_
gcos_interpret_file_string_
gcos_mme_bort_
gcos_mme_call_
gcos_mme_caller_
gcos_mme_inos_
gcos_mme_processor_
gcos_mme_syot_
gcos_open_file_
gcos_read_card_
gcos_run_activity_
gcos_sysout_writer_
gcos_write_

deleted:

gcos_get_dcw_

moved:

gcos_abort_
gcos_cc_directive_cards_
gcos_cc_incode_
gcos_cc_snumb_
gcos_cc_sysout_
gcos_check_for_mme_
gcos_close_file_
gcos_cv_ascii_gebcd_
gcos_cv_gebcd_ascii_
gcos_error_
gcos_init_permfile_
gcos_init_tempfile_
gcos_mme_chek_

gcos_mme_fadd_
gcos_mme_fcon_
gcos_mme_fini_
gcos_mme_fsye_
gcos_mme_info_
gcos_mme_labs_
gcos_mme_more_
gcos_mme_mrel_
gcos_mme_prio_
gcos_mme_relc_
gcos_mme_rels_
gcos_mme_refs_
gcos_mme_road_
gcos_mme_save_
gcos_mme_sets_
gcos_mme_time_
gcos_mme_user_
gcos_mme_wake_
gcos_set_slave_
gcos_sysout_copier_
gcos_time_convert_

06/21/74 1619.0 bound_gcos_utilities_ moved from TOOLS to SSS

added: gcos_card_utility
gcos_card_utility_

replaced: gcos_sysprint
gcos_sys_xlate_

moved: gcos_gsr_read_
gcos_gsr_write_
gcos_syspunch

06/21/74 1619.0 execute_search_rules_ moved from TOOLS to SSS

06/21/74 1619.0 gcos.info added to INFO

06/21/74 1619.0 gcos_sysprint.info added to INFO

06/21/74 1619.0 gcos_syspunch.info added to INFO

06/21/74 1619.0 gcos_ext_stat_.incl.pl1 replaced in INCL

06/21/74 1619.0 gcos_file_info_block_.incl.pl1 replaced in INCL

06/21/74 1619.0 gcos_flags_.incl.pl1 replaced in INCL

06/21/74 1619.0 gcos_utility_args_.incl.pl1 added to INCL