MULTICS INSTALLATION BULLETIN

MIB-087

TO: MIB DISTRIBUTION

FROM: Arlene Scherer.

DATE: April 26, 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 April 22, 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 132: Changes were made to backup_dump and other system
programs in order to close the user's files upon process ter-
mination by signalling the "finish" condition.

04/22/74   1411.1   bound_io_daemon_ replaced in TOOLS

       replaced: io_daemon

04/22/74   1411.1   bound_dumper_ replaced in TOOLS

       replaced: backup_dump

04/22/74   1411.1   bound_proj_admin_ replaced in SSS

       replaced: install

04/22/74   1411.1   bound_fscom2_ replaced in SSS

       replaced: terminate_process_

*****
NO MCR: bound_full_cp_ was backed up, due to suspected problems
in abbrev. (Profiles are apparently getting destroyed.)
De_installation done by retrieval.

04/22/74   1910.0   bound_full_cp_ replaced in SSS

       replaced: abbrev
                    proc_brackets_

*****
MCR 441: A bug was fixed in the cleanup procedure of
print_sample_refs to eliminate a possible 008 on the user's
stack which prevented the stack from being released past that
frame.

04/23/74   1454.4   bound_misc_metering_ replaced in TOOLS

       replaced: print_sample_refs

*****
MCR 396: The include_cross_reference command was replaced to
make it work with non-system archives as well as system
archives.

04/24/74   1028.5   bound_crossref_ replaced in TOOLS

       replaced: include_cross_reference

*****
MCR 483: Fix bug in pointer validating procedure of message segment
facility which caused it to reject valid pointers.

04/25/74   1023.1   bound_mseg_ replaced in SSS

       replaced: ptr_is_good_

*****

MCR 480: The version of Pl1_operators in the LANG library was
deleted since the operators are now in the hardcore.

04/25/74   1144.0   bound_pl1_operators_ deleted from LANG

            deleted: pl1_operators_
                       any_to_any_
                       dec_ops_
                       cplx_dec_ops_
                       math_routines_
                       square_root_
                       double_square_root_
                       sine_
                       double_sine_
                       tangent_
                       logarithm_
                       double_logarithm_
                       exponential_
                       double_exponential_
                       arc_tangent_
                       double_arc_tangent_
                       arc_sine_
                       integer_power_integer_
                       power_integer_
                       power_
                       math_constants_
                       call_math_error_
                       math_routines_end_

*****

04/26/74   1408.7   bound_old_cg_ deleted from LANG

            deleted: code_generator
                       cg_stat
                       gen_pl1_symbol
                       compile_link
                       name_assign
                       gen_pl1_linkage
                       initialize_ext_static
                       initialize_int_static
                       assign_storage
                       make_mod
                       get_variable
                       generate_definition
                       compile_entry
                       compile_block
                       compile_statement
                       compile_tree
                       aq_man
                       assign_info
                       assign_op
                       adjust_ref_count
                       store
                       load
                       save_value
                       generate_constant
                       arith_op
                       arith_data

```
fixed_to_float
jump_op
compile_exp
opcode_info
inline_operation
check_o_and_s
prepare_operand
eval_exp
copy_temp
get_reference
c_a
call_op
store_bit_address
stack_temp
compare_ptrs
set_indicators
string_op
long_op
load_size
cat_op
xr_man
m_a
base_man
instruction_info
expmac
need_temp
power_of_two
constant_zero
expmac_test
macro_table
state_man
min_max
complex_stuff
pointer_builtins
base_to_core
move_data
make_both_addressable
exp_op
link_vector
ctl_char
io_op
e_v
convert_chars
cg_error
cg_signal_catcher
cg_
```

04/26/74   1408.7   bound_old_display_ deleted from LANG

      deleted: display
                  display_any_node_name
                  display_array
                  display_block
                  display_constant
                  display_exp
                  display_list
                  display_source
                  display_statement
                  display_symbol

```
                          peek
                          show_declaration
                          show_ms
                          show_statement
                          stop_at
                          display_xfer_vector

04/26/74   1408.7        bound_old_semant_ deleted from LANG

        deleted:         semantic_translator
                          context_processor
                          expression_semantics
                          lookup
                          propagate_bit
                          simplify_offset
                          operator_semantics
                          function
                          compare_declaration
                          subscripter
                          offset_adder
                          builtin
                          pl1_data
                          do_semantics
                          alloc_semantics
                          expand_assign
                          expand_infix
                          expand_prefix
                          expand_primitive
                          make_non_quick
                          io_data_list_semantics
                          io_semantics
                          defined_reference
                          declare
                          validate
                          declare_structure
                          expand_initial
                          v2pl1_semant_
                          prepare_symbol_table
                          generic_selector
                          fill_refer
                          semant_xfer_vector

04/26/74   1408.7        bound_old_parse_ deleted from LANG

        deleted:         v2pl1
                          parse
                          process_entry
                          procedure_parse
                          statement_type
                          do_parse
                          lex
                          data
                          if_parse
                          statement_parse
                          declare_label
                          context
                          evaluate
                          expression_parse
                          reference_parse
```

```
declare_parse
attribute_parse
descriptor_parse
default_parse
io_statement_parse
format_list_parse
data_list_parse
on_parse
pl1_symbol_print
parse_xfer_vector
```