

SAH200

MULTICS INSTALLATION BULLETIN

MIB-377

TO: MIB DISTRIBUTION

FROM: Nancy Pitts

DATE: August 26, 1977

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 22, 1977.

MCR # : Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
	COMPONENT changes (if any)	

MCR's 2586, 2671, 2673, 2779: This change installs the release 23 of the PL/1 compiler. Please type "help pl1_new_features" for a list of extensions to the Multics PL/1 language.

08/23/77	0856.0	645op5.incl.pl1 replaced in INCL
08/23/77	0856.0	block.incl.pl1 replaced in INCL
08/23/77	0856.0	builtin_table.incl.pl1 replaced in INCL
08/23/77	0856.0	cgsystem.incl.pl1 replaced in INCL
08/23/77	0856.0	create_token.incl.pl1 replaced in INCL
08/23/77	0856.0	language_utility.incl.pl1 replaced in INCL
08/23/77	0856.0	mask.incl.pl1 replaced in INCL
08/23/77	0856.0	op_codes.incl.pl1 replaced in INCL
08/23/77	0856.0	operator_names.incl.pl1 replaced in INCL
08/23/77	0856.0	pl1.info replaced in INFO
08/23/77	0856.0	pl1_descriptor.incl.pl1 added to INCL

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08/23/77 0856.0 pl1_error_messages_ replaced in LANG
 08/23/77 0856.0 pl1_new_features.info replaced in INFO
 08/23/77 0856.0 pl1_token_hash_table.incl.pl1 added to INCL
 08/23/77 0856.0 pl1_tree_areas.incl.pl1 added to INCL
 08/23/77 0856.0 semant.incl.pl1 replaced in INCL
 08/23/77 0856.0 statement.incl.pl1 replaced in INCL
 08/23/77 0856.0 symbol.incl.pl1 replaced in INCL
 08/23/77 0856.0 symbol_bits.incl.pl1 replaced in INCL
 08/23/77 0856.0 token.incl.pl1 replaced in INCL
 08/23/77 0856.0 token_list.incl.pl1 replaced in INCL
 08/23/77 0856.0 token_types.incl.pl1 replaced in INCL
 08/23/77 0856.0 bound_pl1_runtime_ replaced in LANG
 replaced: pl1_snap_
 08/23/77 0856.0 bound_display_ replaced in TOOLS
 added: meter_token_table
 replaced: display
 display_block
 display_exp
 display_source
 display_statement
 bound_display_.bind
 08/23/77 0856.0 bound_pl1_ added to LANG
 added: create_reference
 create_token
 bindec
 create_identifier
 create_list
 create_statement
 create_operator
 create_symbol
 copy_expression
 create_label
 free_node

create_cross_reference
declare_constant
get_size
create_storage
share_expression
declare_temporary
convert
declare_descriptor
compare_expression
token_to_binary
create_bound
create_array
get_array_size
pli_signal_catcher
create_block
gen_pli_symbol
pli_operator_names_
name_assign
generate_definition
compile_link
gen_pli_linkage
assign_storage
initialize_ext_static
initialize_int_static
declare_integer
declare_pointer
sym_sort_alphabetic
binoct
pli_print
display_pli_text
display_text
op_mnemonic
error_
reserve
pli_stat_
tree_manager
merge_attributes
create_context
ast
optimizer
lex
v2pli
scan_token_table
reference_parse
procedure_parse
expression_parse
statement_type
statement_parse
declare_label
do_parse

if_parse
context
parse
declare_parse
process_entry
attribute_parse
descriptor_parse
on_parse
pli_symbol_print
evaluate
default_parse
lo_statement_parse
format_list_parse
data_list_parse
semantic_translator
propagate_bit
lookup
function
simplify_offset
expression_semantics
operator_semantics
check_star_extents
compare_declaration
do_semantics
pli_data
builtin
offset_adder
match_arguments
subscriber
declare
validate
context_processor
expand_initial
declare_structure
simplify_expression
make_non_quick
fill_refer
cg_stat
state_man
copy_temp
need_temp
get_reference
store_bit_address
opcode_info
assign_info
adjust_ref_count
c_a
stack_temp
compile_block
load

store
call_op
compile_statement
prepare_operand
r_a
base_man
compile_tree
expnac
Instruction_info
macro_table
pli_nodes_template_
compile_exp
assign_op
Jump_op
set_indicators
eval_exp
aq_man
base_to_core
pointer_builtins
compile_entry
code_generator
make_mod
arith_data
arith_op
make_both_addressable
move_data
xr_man
generate_constant
power_of_two
compare_ptrs
long_op
load_size
optimize_if
combine_tests
cti_char
cg_
e_v
string_op
get_variable
save_value
fixed_to_float
inline_operation
length_op
check_o_and_s
get_single_ref
string_temp
cat_op
constant_zero
expnac_test
min_max

complex_stuff
exp_op
lo_op
get_imaginary
decimal_op
convert_chars
cg_error
create_default
refer_extent
declare_picture
declare_picture_temp
decbin
parse_error
decode_node_id
pli_error_print
binary_to_octal_string
error
display_pli_map
compile_formats
copy_unique_expression
prepare_symbol_table
alloc_semantics
expand_assign
expand_infix
expand_prefix
expand_primitive
lo_data_list_semantics
lo_semantics
defined_reference
generic_selector
lang_util_
bound_pli_.bind

08/23/77 0856.0

bound_cg_ deleted from LANG

deleted:

cg_stat
state_man
copy_temp
need_temp
get_reference
store_bit_address
opcode_info
assign_info
adjust_ref_count
c_a
stack_temp
compile_block
load
store
call_op

compile_statement
prepare_operand
n_a
base_man
compile_tree
expmac
compile_exp
assign_op
link_vector
jump_op
set_indicators
eval_exp
aq_man
base_to_core
pointer_builtins
compile_entry
code_generator
make_mod
arith_data
arith_op
make_both_addressable
move_data
xr_man
generate_constant
power_of_two
compare_ptrs
long_op
load_size
optimize_if
ctl_char
cg_
e_v
string_op
get_variable
save_value
fixed_to_float
inline_operation
length_op
check_o_and_s
get_single_ref
string_temp
cat_op
constant_zero
expmac_test
min_max
complex_stuff
exp_op
lo_op
get_imaginary
decimal_op

convert_chars
cg_error
bound_cg_.bind

08/23/77 0856.0 bound_lang_util_ deleted from LANG

deleted:
lang_util_
pli_get
create_reference
create_token
bindec
create_identifier
create_list
create_statement
create_operator
create_symbol
copy_expression
create_label
free_node
create_cross_reference
declare_constant
get_size
create_storage
share_expression
declare_temporary
convert
declare_descriptor
compare_expression
token_to_binary
create_bound
create_array
get_array_size
pli_signal_catcher
create_block
gen_pli_symbol
macro_table
instruction_info
pli_operator_names_
operator_names
name_assign
generate_definition
compile_link
gen_pli_linkage
assign_storage
initialize_ext_static
initialize_int_static
util_xfer_vector
declare_pointer
sym_sort_alphabetic
binoct

pli_print
display_pli_text
display_text
op_mnemonic
error_
reserve
pli_stat_
tree_manager
merge_attributes
create_context
mst
optimizer
create_default
refer_extent
declare_picture
declare_picture_temp
declare_integer
decbin
parse_error
decode_node_id
pli_error_print
binary_to_octal_string
error
display_pli_map
compile_formats
copy_unique_expression
bound_lang_util_.bind

88/23/77 8856.0

bound_parse_ deleted from LANG

deleted:

lex
v2pl1
parse_xfer_vector
data
reference_parse
procedure_parse
expression_parse
statement_type
statement_parse
declare_label
do_parse
if_parse
context
parse
declare_parse
process_entry
attribute_parse
descriptor_parse
on_parse
pli_symbol_print

evaluate
default_parse
lo_statement_parse
format_list_parse
data_list_parse
bound_parse_.bind

08/23/77 0856.0

bound_semant_ deleted from LANG

deleted:

semantic_translator
propagate_bit
semant_xfer_vector
lookup
function
simplify_offset
expression_semantics
operator_semantics
check_star_extents
compare_declaration
do_semantics
pl1_data
builtin
offset_adder
match_arguments
subscriber
declare
validate
v2pl1_semant_
context_processor
expand_initial
declare_structure
prepare_symbol_table
alloc_semantics
expand_assign
expand_infix
expand_prefix
expand_primitive
simplify_expression
make_non_quick
lo_data_list_semantics
lo_semantics
defined_reference
generic_selector
fill_refer
bound_semant_.bind

08/23/77 0856.0

tree_ deleted from LANG

08/23/77 0856.0

xeq_tree_ deleted from LANG

MCR 2815: Replaced bound_admin_tools_ (TOOLS) with changes to convert_audit_\$from_string to declare audit_flags bit (36) instead of bit (72) to fix a minor bug.

08/23/77 0940.0 bound_admin_tools_ replaced in TOOLS
replaced: convert_audit_

NO MCR: Replace bound_display_ in TOOLS to add missing component for release 23 PL/1 compiler.

08/23/77 1153.9 bound_display_ replaced in TOOLS
replaced: display_symbol

MCR 2765: Installed bound_misc_metering_ (TOOLS) with changes to tty_dump, tty_meters, tty_analyze to update MCS metering and debugging tools to account for ring0 MCS changes.

08/23/77 1643.0 bound_misc_metering_ replaced in TOOLS
replaced: tty_meters
tty_dump
tty_analyze

MCR 2778: Installed bound_segment_info_ (SSS) with changes to form_link_info_ to enable print_link_info to work with all old format object segments and to sort entry names.

08/24/77 1124.1 bound_segment_info_ replaced in SSS
replaced: form_link_info_

MCR 2827: Installed profile (LANG) to fix bug in profile which prevented profile from working with COBOL programs.

08/24/77 1511.9 profile replaced in LANG

MCR 2767: Installed bound_net_iosims_ (NET) with changes to net_ascii_dia_state_.pl1 to make the network set_term_type order equivalent to the MCS set_term_type order with respect to changing modes. (The set_term_type order is not yet used, but will be soon.)

08/25/77 1154.7 bound_net_iosins_ replaced in NET
replaced: net_ascii_dlm_state_

MCR 2776: Installed oncodes.info (IIS) to notify users of upcoming changes.

08/25/77 1550.6 oncodes.info added to IIS

MCR 2777: Installed convert_table.ec, newet.teco, and error_table_conversion.info (TOOLS) to convert user error tables to aim.

08/25/77 1629.5 convert_table.ec added to TOOLS

08/25/77 1629.5 newet.teco added to TOOLS

08/25/77 1629.5 error_table_conversion.info added to IIS

NO MCR: Installed print_terminal_types.info (INFO) to supply info segment for print_terminal_types command, which was included in AS 9.3.

08/25/77 1726.5 print_terminal_types.info added to INFO

MCR 2652: Installed bound_fscom2_ (SSS) with changes to copy_seg to fix copy_seg to preserve MSF bit counts.

08/26/77 1433.9 bound_fscom2_ replaced in SSS

replaced: copy_seg_

MCR 2576: Installed bound_iss_ (SSS) with changes to make_commands to use tssi_ rather than ti_ (this allows initial acis to work for the output file). The suffix processing has been corrected (in the past foo.ct.ct would have resulted in an output file foo, not foo.et).

08/26/77 1617.0 bound_iss_ replaced in SSS

replaced: make_commands