

TO: MIB DISTRIBUTION
 FROM: Peter B. Kelley
 DATE: March 19, 1976
 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 March 15, 1976.

MCR # : Explanation briefly summarizing the modification.

DATE	SEGMENT NAME	LIBRARY
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COMPONENT changes (if any)

03/18/76 updated pending_changes and net_changes

03/18/76 1357.4 pending_changes.info replaced in IIS

03/18/76 1357.4 net_changes.info replaced in IIS

MCR's 1657, 1680: The PL/I compiler was replaced (LANG) to fix bugs, and improve performance including optimized code for if... then... else... constructions. The segment pl1_version_ was changed to include the release number in the object segment.

03/19/76 0935.0 pl1_version_ replaced in LANG

03/19/76 0935.0 pl1_error_messages_ replaced in LANG

03/19/76 0935.0 bound_parse_ replaced in LANG

replaced: 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

03/19/76 0935.0

bound_lang_util_ replaced in LANG

replaced:

create_array
create_block
create_bound
create_context
create_cross_reference
create_default
create_label
create_symbol
create_token
create_identifier
bindec
token_to_binary
create_list
create_operator
create_reference
create_statement
create_storage
pl1_get
tree_manager
free_node
pl1_stat_
get_array_size
get_size
refer_extent
declare_constant
declare_descriptor
declare_picture
declare_picture_temp
declare_integer
declare_pointer

declare_temporary
optimizer
compare_expression
copy_expression
reserve
convert
share_expression
decbin
parse_error
error_
decode_node_id
pli_error_print
binary_to_octal_string
pli_print
error
merge_attributes
display_pli_map
sym_sort_alphabetic
binoct
display_text
op_mnemonic
operator_names
display_pli_text
lang_util_
util_xfer_vector
mst
compile_formats
gen_pli_symbol
compile_link
name_assign
gen_pli_linkage
initialize_ext_static
initialize_int_static
assign_storage
generate_definition
macro_table
Instruction_Info
pli_signal_catcher

03/19/76 0935.0

bound_semant_ replaced in LANG

replaced:

semantic_translator
context_processor
expression_semantics
lookup
propagate_bit
simplify_offset
operator_semantics
function
match_arguments

compare_declaration
check_star_extents
subscriber
offset_adder
builtin
pl1_data
do_semantics
alloc_semantics
expand_assign
expand_infix
expand_prefix
expand_primitive
simplify_expression
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

03/19/76 0935.0

bound_cg_ replaced in LANG

added:

optimize_if

replaced:

code_generator
cg_stat
make_mod
get_variable
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
length_op
check_o_and_s
prepare_operand
eval_exp
copy_temp
get_single_ref
get_reference
c_a
call_op
store_bit_address
stack_temp
compare_ptrs
set_indicators
string_op
string_temp
long_op
load_size
cat_op
xr_man
m_a
base_man
expmac
need_temp
power_of_two
constant_zero
expmac_test
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
get_imaginary
decimal_op
convert_chars
cg_error
cg_
bound_cg_.bind

03/19/76 0935.0

bound_display_ replaced in TOOLS

replaced:		display_any_node_name
		display_statement
		show_ms
03/19/76	0935.0	attribute_table.incl.pl1 replaced in INCL
03/19/76	0935.0	bases.incl.pl1 replaced in INCL
03/19/76	0935.0	block_types.incl.pl1 replaced in INCL
03/19/76	0935.0	boundary.incl.pl1 replaced in INCL
03/19/76	0935.0	cgsystem.incl.pl1 replaced in INCL
03/19/76	0935.0	context_codes.incl.pl1 replaced in INCL
03/19/76	0935.0	create_token.incl.pl1 replaced in INCL
03/19/76	0935.0	data_types.incl.pl1 replaced in INCL
03/19/76	0935.0	declare_type.incl.pl1 replaced in INCL
03/19/76	0935.0	decoded_token_types.incl.pl1 replaced in INCL
03/19/76	0935.0	jump_complement.incl.pl1 added to INCL
03/19/76	0935.0	machine.incl.pl1 replaced in INCL
03/19/76	0935.0	machine_state.incl.pl1 replaced in INCL
03/19/76	0935.0	mask.incl.pl1 replaced in INCL
03/19/76	0935.0	nodes.incl.pl1 replaced in INCL
03/19/76	0935.0	op_codes.incl.pl1 replaced in INCL
03/19/76	0935.0	picture_types.incl.pl1 replaced in INCL
03/19/76	0935.0	ps_map.incl.pl1 replaced in INCL
03/19/76	0935.0	relbits.incl.pl1 replaced in INCL
03/19/76	0935.0	reloc_lower.incl.pl1 replaced in INCL
03/19/76	0935.0	relocation_bits.incl.pl1 replaced in INCL
03/19/76	0935.0	source_list.incl.pl1 replaced in INCL
03/19/76	0935.0	stack_head.incl.pl1 replaced in INCL

03/19/76	0935.0	statement.incl.pl1 replaced in INCL
03/19/76	0935.0	statement_types.incl.pl1 replaced in INCL
03/19/76	0935.0	symbol_bits.incl.pl1 replaced in INCL
03/19/76	0935.0	token_list.incl.pl1 replaced in INCL
03/19/76	0935.0	token_types.incl.pl1 replaced in INCL
03/19/76	0935.0	645op2.incl.pl1 replaced in INCL
03/19/76	0935.0	645op3.incl.pl1 replaced in INCL
03/19/76	0935.0	645op5.incl.pl1 replaced in INCL