TO: Distribution

FROM: Grace Ackerman-Lewis

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SUBJECT: Installation of MSS 27.2

The hardcore system MSS 27.2 was installed on Thursday, November 6, 1975 at 08:50. This system includes: the addition of separate static capabilities to the linker; the addition of a system condition table; the implementation of copy_on_write to augment the copy switch; fixes for several unreported linker bugs; a change to msf_manager_ to call the new hcs_$create_branch_; a fix for a bug in the decoding of area descriptors and a change to makeknown to return "namedup" in preference to "segknown". The system libraries were updated on Friday, November 7, 1975 at 10:32.

I. System Change Log

Chng MCR   **Change**

1511 1293,1242,1243,1339
          Add separate static capabilities to the linker. Add system condition table to system. Implement copy_on_write to augment copy switch. Fix several unreported linker bugs.

1512 1418 Change msf_manager to call the new hcs_$create_branch_ and to store the target of a link in the fcb instead of the pathname of the link.

1513 1422 Fix bug in decoding of area argument descriptors.

1514 1216 Change makeknown to return "namedup" in preference to "segknown".

II. Segment Change Log

Segment Name	Bound Segment	Change #
absentee_real_init_admin_.pl1	bound_command_loop_	R 1511
active_hardcore_data.alm	-	R 1511
bootstrap2.alm	-	R 1511
command_processor_.pl1	bound_command_loop_	R 1511
copy_on_write_handler.pl1	bound_command_loop_	A 1511
daemon_real_init_admin_.pl1	bound_command_loop_	R 1511
datmk_util_.alm	bound_system_faults	R 1511
decode_descriptor_.pl1	bound_command_loop_	R 1513
flm.mexp	-	R 1511
fs_search.pl1	bound_system_faults	R 1511
get_defname_.pl1	bound_file_system	R 1511
get_defptr.alm	bound_system_faults	R 1511
link_man.pl1	bound_system_faults	R 1511
link_snap.pl1	bound_system_faults	R 1511
link_trap_caller_.pl1	bound_sss_active_	R 1511
listen_.pl1	bound_command_loop_	R 1511
lot_maintainer.alm	-	R 1511
lsn_util_.pl1	bound_command_loop_	D 1511
makeknown.pl1	bound_system_faults	R 1514
msf_manager_.pl1	bound_fsim_	R 1512
page_fault.alm	bound_page_control	R alm
pre_link_1.alm	-	R 1511
proc_int_handler.pl1	bound_tc_wired	R 1511
process_overseer_.pl1	bound_command_loop_	R 1511
rest_of_datmk_.pl1	bound_system_faults	R 1511
sct_manager_.pl1	bound_sss_wired_	A 1511
signal_.pl1	bound_sss_wired_	R 1511
trap_caller_caller_.pl1	bound_system_faults	R 1511
user_real_init_admin_.pl1	bound_command_loop_	R 1511

Include Files

	Change #
ahd.incl.pl1	R 1511
linkdcl.incl.pl1	R 1511
lot.incl.alm	R 1511
lot.incl.pl1	R 1511
mc.incl.alm	R 1511
stack_header.incl.alm	R 1511
stack_header.incl.pl1	R 1511
static_handlers.incl.alm	A 1511
static_handlers.incl.pl1	A 1511

Bindfiles

II. Segment Change Log (continued)

Segment Name	Bound Segment	Change #
bound_command_loop_.bind		R 1511
bound_sss_wired_.bind		R 1511
bound_system_faults.bind		R 1511,1514

III. Bound Segment Change Log

Bound Segment	Change	
bound_fsim_	replaced:	msf_manager_
bound_sss_active_	replaced:	link_trap_caller_
bound_tc_wired	replaced:	proc_int_handler
bound_sss_wired_	added:	sct_manager_
	replaced:	signal_
bound_command_loop_	added:	copy_on_write_handler
	replaced:	listen_
		command_processor_
		decode_descriptor_
		process_overseer_
		user_real_init_admin_
		daemon_real_init_admin_
		absentee_real_init_admin_
	deleted:	lsn_util_
bound_file_system	replaced:	get_defname_
bound_page_control	replaced:	page_fault
bound_system_faults	replaced:	makeknown
		fs_search
		get_defptr
		link_snap
		link_man
		rest_of_datmk_
		datmk_util_
		trap_caller_caller_

IV. Header Change Log

The hardcore header was changed to add: the name sct_manager_ after signal_, the name and to active_hardcore_data and the name copy_on_write_handler to bound_command_loop.