

To: Distribution
From: T. H. Van Vleck
Date: 03/17/74
Subject: System Administration Status

Answering service 7.4 was installed, after some fumbling.

The new printer DCM and DIM are ready to install, as soon as Mike Grady's changes to printer_status are integrated. New versions of the head and tail sheet programs for the IO daemon have also been written, as well as the necessary modifications to the daemon and dprint.

The new version of trace_stack is installed.

Answering service 7.5 fixes 32 minor bugs or inconveniences in the answering service programs. It works in the on-line test environment, and needs development testing.

The removal of >tools from the default search rules is still hung up somewhere in the installation mill.

Several improvements have been made to the administrative reporting programs, at the request of Jim Homan. If more improvements to the accounting package are required, some of his time may be available.

The change of the disk accounting for a 72-bit time-page-product has been installed.

A scan was made of the entire hierarchy to see which user programs called ios_ in order to estimate the magnitude of the changes necessary for the replacement of ios_ by iox_. The results of this scan will be published as an MTR someday: in brief, they show that quite a few user programs use ios_, but that only a few users have used PL/T record I/O or FORTRAN unformatted files.

Discussions on the Storage Problem and the Performance Problem continue.

The new version of the billing program was installed.

About 20 miscellaneous improvements to the accounting tools were installed, fixing minor bugs and adding new features.

I presented a paper at the IEEE conference COMPCON 74 in San Francisco on Feb. 27, entitled "Control of Access to Computer

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System Resources." When I have time I will expand the paper and submit it for publication somewhere.

The new SYSERR code is finally installed. Two useful programs have been written to make use of the log of all messages printed on the operator console: one is called "print_syserr_log," and just extracts the log and prints part or all of it. Another program, "daily_syserr_process," extracts the log once a night, scans all messages since the last time it looked, and writes several reports containing messages selected by a driving table. These programs are in regular use, and an MCR has been submitted.

Yet another nasty bug in the message coordinator showed up, and was fixed. The extensions to the message coordinator for logging operator input, restricting a terminal to reply to only one daemon, permitting inter-terminal communication within the initializer terminals, and automatically informing other system terminals of one terminal's input, have been completed and submitted.

Another carton of material has been sent to Telefunken. When the EIS compiler is installed and is settled, I will have to ship a tape full of that to them too.

Things should be quiet for the next month as I will be on vacation.

PROJECT _____ AREA _____

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Initializer loops if process cannot be destroyed.	THVV, SHW				Installed
Printer DIM improvements.	THVV				Done. Ready to install
Install new billing program	THVV				Installed
Restore check on total CPU.	THVV				Installed. Now the system grices every 15 mins because of a hardware bug.
Remove >tools from default search path.	THVV				Submitted.
Message coordinator improvements.	THVV				Submitted
Answering Service 7.5	THVV				Complete except for development testing.
New version of 'indent' command.	THVV				MCR submitted. Twice as fast as old.
SYSERP log processing programs	THVV				MCR submitted. Programs complete and in use.
Create source extraction daemon.	THVV				
Make sys_full_report work again.	THVV				Installed
Make console_report work again.	THVV				Installed

PROJECT _____ AREA _____

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Modify system control for new SYSEPP.	THVV				
Create new project for unprivileged daemons.	THVV				
Eliminate ACL's on system tape.	THVV				MCR approved
Design new PNT format.	THVV				
Fix disk accounting programs for 72 bit time-page-product.	THVV				Installed
Make dial command usable.	THVV				MTB-013 published.
Design one-time passwords.	THVV				
Fix minor bug in ed_installation_parms.	THVV				Installed
Make new version of trace_stack.	THVV				Installed
Storage System Improvements.	THVV, SHW, AB				First MTB published.
Tape billing command	THVV				Skeleton written.
Procedure for dumping process which cannot be destroyed	THVV				
Update asu.ec for system distribution	THVV DPV				



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PROJECT _____ AREA _____

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS	*
Install latest master.ec	THVV				Installed	
MPLM - System administration	THVV				Long term	
Tape label generator.	THVV				Coded and tested.	

