

TO: Distribution
FROM: Roger A. Roach
DATE: May 20, 1974
SUBJECT: Misc. Multics/P00 Task Report

I. Significant Events

The most significant event of this past month is Tom VanVleck leaving for Honeywell. We are still trying to ascertain all the functions he used to perform for us and reassign these to members of P00 and IPC.

The command name monitoring code has been submitted and we hope to have it installed in the near future.

II. Task Status

The (hopefully) final version of sort_seg is ready and a MCP has been submitted covering the latest changes. With the last set of changes, it is almost four times as fast as the present installed version.

We have completed the first phase of the PL/I I/O test programs. IPC has reassigned the task to create tests for decimal arithmetic and builtins and we will wait for this task to complete before finishing the PL/I testing procedures. We did use the tests to verify the correct construction of the FIS PL/I compiler by Systems Assurance. All known bugs have MDPF's pending.

Now that the new basic has been installed, we are proceeding with the completion of switching SRS over to use the new basic. Most of the code and testing has been completed and we are working on memos to replace the present SRS documentation.

The changes to the printer DIM are still waiting for installation of the hardware portion. We hope to have this installed in the next few weeks and then complete the changes with online installations.

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III. Work Planned For The Next Reporting Period

As mentioned above, we hope to complete the tasks on command name monitoring, sort_seq and the printer DIM changes.

We also hope to complete the conversion of the monitoring tools so they are available (as much as possible) to the average user.

We also are planning to update the performance test scripts to eliminate the idle time and to avoid the synchronization that is now present.

PROJECT Development Support AREA _____ Miscellaneous Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	4-W	CHANGES-STATUS
sort_file enhancements (MCR 107)	Klinger	09/24/73	11/05/73	4.0	Will be submitted
		09/24/73	06/03/74	3.0	05/22/74 when approved
Incorporate new basic info SRS	Smith	10/29/73	12/03/73	4.0	Almost done. New basic installed. Writing
		10/25/73	05/10/74		by MCR
Generalized Command Name monitoring (MCR 104)	Kayden	10/15/73	11/19/73	4.0	MEMO 10W. Done. Harcore portion submitted.
		10/15/73	06/03/74	4.0	
Generate PL/1 I/O Test Programs	Smith	01/28/74	02/22/74	3.0	First set almost done.
		01/28/74	05/10/74	4.0	Being documented.
Convert metering tools to call ring_zero_beek	Roach	05/28/74	05/10/74	1.5	Most modules installed. Starting to plan next step.
Copyright Program Enhancements	Canali	03/11/74		3.0	Low priority task.
		03/11/74			
Printer Enhancements (MCR 031)	VanVleck Roach	09/25/73	04/01/74	3.0	Grady's changes submitted.
		09/25/73	05/10/74	2.0	
Punch Nim Enhancements				4.0	Requested by JPS, awaiting resources
Create a estimate_bill command				3.0	Final design awaiting resources
Rewrite runoff in PL/1	Carps				Will start when tape mount package done.
Create a tape_archive command					Design necessary
Enhance local for tapes					Design necessary
Install editor for Black/White Chart	VanVleck				Low priority task, No MCR as MCR submitted

PROJECT Development Support AREA Miscellaneous Tasks

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-STATUS
Install new Dartmouth library	Roach Sipb	04/01/74 04/19/74	05/17/74 07/01/74	2.0	Tape ordered. Due 05/28/74.
Document IOPF procedures	Roach			0.5	
Document Backup procedures	Roach			1.0	
Document Error Recovery procedures	Roach			2.0	
Update system performance tests	Roach Jordan	05/25/74	06/07/74		First phase will just rearrange script to eliminate synchronization and idle time