

TO: Distribution
FROM: Roger A. Roach
DATE: November 4, 1974
SUBJECT: PDO Miscellaneous Multics Tasks Report

I. Significant Events

The latest PL/I compiler has been sent to Telefunken (with most of the work being done by Tom VanVleck). It is hoped that this will be the last compiler they will need to complete their work. They already have a version working although it wasn't clear whether it was for their computer or for the IBM 168 they are using in the meantime.

II. Task Status

A design review was held on Janice Philipps' MTB 117 (I/O driver to spool requests to tape) and the only changes that resulted were the specifying of certain arguments (number of files, number of lines, etc.) by using keywords (-files, -lines, etc.) and the adding of a new control argument to specify the maximum output line length (132 for the IBM printers). These changes should not affect the amount of work required and we are currently hoping to have the initial version ready by November 15. The project turned out to be quite a bit more work than originally planned as most of the printer software has to be duplicated in the user ring. We have found out from Noel Morris (CISL) that Honeywell is working on a new printer package that would allow us merely to attach the ANSI DIM to it. We are taking this into account in the initial version and will probably eliminate our duplicated code once the new printer DIM is installed.

Frank Smith has completed the fixes and changes to `b_and_w`, `system_monthly_report` and `punch_MIT_deck`. He is currently finishing a set of changes to the `misc` command to make it easier to use and to add some new features. The design of `estimate_bill` has started and a MTB describing it should be ready this week. Along with this, we are planning to add total memory units to the items stored in the pit. A MCR will be submitted as the design for `estimate_bill` becomes final.

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Changes to the system tape to restrict access to phcs_ have been made, but a test run on the development machine is still needed.

Work on runoff is still proceeding. We hope to have a MTB describing it ready soon.

PROJECT Development Support AREA Miscellaneous Tasks

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES-SIAIUS
Generate PL/1 I/O Test Programs	Smith	01/28/74	02/22/74	3.0	Will incorporate with IPC's test
Restrict access on phcs_	Roach	05/28/74	06/10/74	1.5	Access is currently restricted via commands
Punch Dim Enhancements				4.0	IN SYSTEM START UP.BC Requested by JRS, awaiting resources
Create a estimate_bill command	Smith	11/04/74	12/02/74	3.0	Working on MTB
Rewrite runoff in PL/1	Capps	06/17/74	03/03/75	3.0	Working on Multics version
Create a tape_archive command					Design necessary
Enhance local for tapes					Design necessary
Install editor for Black/White Chart	VanVleck				Low priority task, No MTB or MCR submitted
Install new Dartmouth library	Roach SIPB	04/01/74	06/17/74	2.0	Tape read in. Working on documentation.
Document Backup procedures	Roach			1.0	
Document Error Recovery Procedures	Roach			2.0	
Update system performance tests	Roach	05/25/74	07/01/74	3.0	DONE, MTB-126 published.
System Administration Fixes	Smith				general task, individual tasks will be created if needed

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES-SIAIUS
Create an IO driver to spool requests to tape	Phillipps	09/09/74 10/18/74	11/15/74	3.01	Design Review held, MCR will be submitted.
Create an IO driver to spool COM unit requests					Low priority. Awaiting resources.
Telefunken support	VanVleck Roach				DONE, tapes of latest compiler sent 10/29/74.