

To: MTR Distribution
 From: Multics Library Tools Interim Subgroup
 Subject: Status of Library Tool Development
 Date: August 26, 1975

SIGNIFICANT EVENTS

Draft 2 of the Library Maintenance Tools PLM (AN80) is nearing completion. It will be published as an MTB. This completes PDO's work on this PLM until Honeywell provides support for the writing effort.

CURRENT STATUS

Grace has begun to work on library_descriptor between hardcore installations. She will be devoting only her free time to the coding until September 1, and then will spend full time finishing the work.

Peter has begun work on library_cleanup, and expects to complete the command by September 1, as planned.

Gary is completing the second draft of the PLM, after much difficulty in expressing the complexities of library maintenance in a readable fashion. Work on this PLM has taken about twice as long as anticipated, due to difficulty of the writing and time spent on other topics (Consistent System, auditing new help command, etc). As a result, Gary is just now starting the code changes to bring the library tools up to documented specifications as required by the MCR Board. This work should be completed during September.

COMING EVENTS

DATE	EVENT
----- August	----- Peter finishes library_cleanup
September	Gary finishes library_descriptor commands
September	Grace finishes library_descriptor
October	library tools installed

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PROJECT Library Maintenance Tools Project AREA Library descriptor tools

TASK DESCRIPTION	PERSONNEL	START	FINISH	P-N	CHANGES-SIAIUS
1) Library Maintenance PLM (see subtasks below)	Dixon	06/23/75	06/27/75	3.0	Underway
1.1) Section XIV: library_descriptor, library_fetch, library_info, library_map, library_print command descriptions	Dixon			0.4 0.6	DONE
1.2) Section IV: Library Descriptor Commands	Dixon			0.2 0.2	DONE
1.3) Section XIV: library_cleanup command description	Kelley Dixon			0.1 0.1	DONE
1.4) Section XIV: library_descriptor_compiler command description	Dixon			0.5 0.1	DONE
1.5) Section XIII: Maintaining Your Own Library (library_description language)	Dixon			0.5 0.8	DONE
1.6) Section XIV: multics_library_search, multics_libraries_subroutine descriptions	Dixon			0.3 0.8	DONE
1.7) Section XIV: ifree_name, update_seg command descriptions	Dixon			0.4 1.2	ifree_name DONE, update_seg underway
2) Coding of Library Tools (see subtasks below)	Dixon	07/14/75	07/23/75	0.8	
2.1) primitives: get and output misc. status info	Dixon			0.1	
2.2) library_fetch, library_info, library_map, library_print	Dixon			0.2 0.4	
update to meet MCRB requirements					

PROJECT _____ Library Maintenance Tools Project _____ AREA _____ Library descriptor tools _____

TASK DESCRIPTION PERSONNEL START FINISH P-W CHANGES-STATUS

2.3) library_info, library_map, library_print: add control arguments for new info returned by primitives	Dixon			0.2	
2.4) submission_test: fix bugs in use of library descriptor	Dixon			0.1	
3) reduction_compiler: finish command description	Dixon	07/14/75	07/23/75	0.3	
		09/09/75	09/15/75	60%	
4) Write Other PLM Documentation (see subtasks below)	Dixon			2.0	
				40%	
4.1) Section I: Introduction	Dixon			0.2	
4.2) Section II: Library Organization	Dixon			0.2	
4.3) Section III: Multics System Libraries	Dixon			0.2	
4.5) library_descriptor_compiler: program logic	Dixon			0.2	
4.6) library_descriptor_commands: program logic	Dixon			0.4	
5) library_descriptor: code command	Ackerman-- Lewis	09/02/75	09/12/75	2	Work underway between hardcore installations
		08/18/75	09/12/75	60%	
6) library_cleanup: document and code command	Kelley		09/02/75	2	Underway
		08/13/75	09/02/75		

