

To: Distribution

From: O. D. Friesen

Date: August 18, 1976

Subject: Multics Data Base Manager Enhancements

This MTR contains those tasks related to the Multics Data Base Manager (MDBM) scheduled to be performed during the next year. It also contains a list of lower priority tasks which have not yet been clearly defined, but which will require attention at some future date.

Since the MDBM is an unbundled product, enhancements need not be correlated to standard Multics Releases. The Multics Release number to which the various enhancements correspond is included in the Status column for informational purposes only.

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PROJECT Multics Data Base Manager AREA Scheduled Enhancements and Tasks

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES	STATUS
Multiple Keys	Weeldreyer Friesen	08701776 108701776	12731776 110731776	12	MR5.0	HIGH Priority
Remove Non-simple Ranges Code	Lackey Weeldreyer Friesen	08701776 108701776	110731776 110731776	11		
MRDS Tutorial and Normalization Aids Manual (User Aids)(Data Base Administrator Aids)	Kaiser	08701776	12731776	16	MR6.0	should be MR5.0 if at all possible -- MEDIUM Priority
MIDS Manual (User Aids)(Data Base Administrator Aids)	Unassigned	08701776	12731776	12	MR6.0	should be MR5.0 if at all possible -- MEDIUM Priority
Quality Assurance (Especially Large Databases)	Unassigned	07701776 07701776	12731776 110731776	12	MR5.0	should be ongoing task -- also for MR6.0 -- perhaps to be done by Berglund's group -- LOW Priority
Marketing Support Activity	All	08701776	08080			Ongoing task -- participation as needed
Performance Evaluation of MIDS, MRDS, IDS-II	Kepner	08701776	02730776	6	MR5.0	HIGH Priority
Demo Package for MRDS	Kaiser	08701776	10715776	12	MR5.0	MEDIUM Priority
Demo Package for MIDS	Unassigned	08701776	12731776	12	MR5.0	MEDIUM Priority
Develop DMD and DSMD Creation Modules	Kepner	08701776	12731776	12	MR5.0	HIGH Priority

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M=W	CHANGES=SIARI
Prepare mids_call and mrds_call for Release	Weeldreyer	08/01/76	104730776	12	MR5.0 -- LOW priority
Universal Quantification	Friesen Weeldreyer	01/01/77	04730777	12	MR6.0 -- MEDIUM Priority
Data Attribute Integrity	Unassigned	01/01/77	04730777	12	MR6.0 -- MEDIUM Priority
A don't-care Selection Convention	Unassigned	01/01/77	04730777	8	MR6.0 -- MEDIUM Priority
Loader-Dumper Utility (DBA Tool)	Lackey	01/01/77	04730777	8	MR6.0 -- needs definition -- may lead into restructuring -- LOW Priority
Recovery-Rollback	Friesen	10/01/76	04730777	20	MR6.0 -- HIGH Priority
Generalized Report Generator	Falksen	08/01/76	04730777	26	MR6.0 -- MEDIUM Priority
MRDS End-User Facility	Weeldreyer	08/01/76	04730777	26	MR6.0 -- HIGH Priority
COBOL Subschema Translator	Lackey	08/01/76	04730777	12	MR6.0 -- needs correlation with BCO people -- MEDIUM Priority
Hold and Release	Unassigned	01/01/77	04730777	13	MR 6.0 -- MEDIUM Priority

PROJECT Multics Data Base Manager ARPA Low Priority Tasks

TASK DESCRIPTION	PERSONNEL	SIARI	FINISH	M-W	CHANGES-SIAIUS
MIDS Extensions	Unassigned				Multiple record types, optional-manual, areas, etc. -- depends on feedback
Restructuring Utility -- DMD	Unassigned				
Update Capability (DRA Tool)					
Concurrent Access/Integrity Enhancements	Unassigned				
Study and Implement Security	Unassigned				Preferably without changing security kernel
Command Interface for MIDS Subschema	Unassigned				-- Fourth Normal Form?
Display Schema and Subschema Contents (DBA Tools)	Unassigned				
Study and Accomodate Foreign Keys	Unassigned				
Database Verification Utility (DBA Tools)	Unassigned				
DSMD Verification Utility	Unassigned				
Statistical Analysis Utility (DRA Tools)	Unassigned				
Data Element Dictionary (DBA Tools)	Unassigned				
Accomodate NULL Attribute Values	Unassigned				

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PROJECT-----Multics Data Base Manager----- AREA----- Low Priority Tasks-----

TASK DESCRIPTION	PERSONNEL	START	FINISH	M-W	CHANGES	STATUS
Develop a 'There Exists' Function for Retrieval						