

MULTICS STAFF BULLETIN-2

TO: DISTRIBUTION
FROM: R. A. FRIEBURGHOUSE
DATE: DECEMBER 14, 1971
SUBJECT: LANGUAGE GROUP TASK LIST

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TASK AREA

FORTRAN

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Bootstrap using the old node formats	J.Mills J.Keller	12/1/71	1/30/72	
Install the bootstrapped compiler	J.Mills J.Keller	2/1/72	2/1/72	
Bootstrap again using compressed node formats	J.Mills J.Keller	2/1/72	2/30/72	
Install final version	J.Mills J.Keller	3/1/72	3/1/72	

TASK AREA PL/I VERSION II

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Implement the full like attribute	Freiburghouse	1/1/72	1/15/72	
Implement the default statement so as to apply to constants	G.Chang	1/15/72	1/30/72	
Bootstrap the compiler using the old node formats	C.Franklin P.Green P.Belmont	12/1/71	1/30/72	
Install the bootstrapped version		2/1/72	2/1/72	
Bootstrap using new compressed node formats	All	2/1/72	2/30/72	
Install fully bootstrapped compiler with full language supported		3/1/72	3/1/72	
Give debugged version to Toshiba group and to Waltham		3/15/72	3/15/72	
Distribute the language spec. to users, etc.		2/15/72		
Performance analysis using the profile option and tree usage metering tools	G.Chang	3/15/72		
Documentation	Freiburghouse	2/15/72	4/1/72	
Extend the code generator to use the EIS of the new processor.	G.Chang			

TASK AREA

PL/I VERSION II

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Complete the new language spec.	Freiburghouse	9/15/71	2/1/72	
Up-date the Internal Representation document with new node formats	Freiburghouse	2/1/72	2/15/72	
Implement decimal arithmetic	B.Wolman	12/15/71	12/24/71	
Implement scaled fixed-point binary arithmetic	B.Wolman	12/27/71	1/1/72	
Profile option	B.Wolman	1/1/72	1/7/72	
Implement remaining types of complex arithmetic	B.Wolman	1/8/72	1/14/72	
Implement remaining built-in functions	B.Wolman	1/14/72	1/21/72	
Extensively test and debug aggregate expressions, entry variables, returns(*), I/O, etc.	G.Chang P.Belmont	12/15/71	12/30/71	
Implement pictures	B.Wolman	1/21/72	1/30/72	
Implement controlled storage	G.Chang	1/1/72	1/15/72	



TASK AREA APL

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Design APL.	M. Smith	3/1/70	7/2/70	Completed.
		3/1/70	8/5/70	
Write APL DIM.	M. Smith	7/7/70	7/17/70	Completed.
		8/3/70	9/4/70	
Debug APL DIM.	M. Smith	7/21/70	7/24/70	Completed.
		8/17/70	9/4/70	
Write APL Command Embryo.	M. Smith	7/7/70	7/17/70	Completed.
		9/7/70	9/11/70	
Debug APL Command Embryo.	M. Smith	7/21/70	8/7/70	Completed.
		9/14/70	9/18/70	
Write Lex.	M. Smith	9/14/70	10/2/70	Completed.
		9/14/70	10/2/70	
Debug Lex.	M. Smith	10/5/70	11/6/70	Completed.
		10/5/70	10/19/70	
Write Parser.	M. Smith	10/5/70	11/20/70	Completed.
		10/1/70	3/5/71	
Write Editor.	M. Smith	3/8/71	4/9/71	Completed.
		3/8/71	4/9/71	
Debug Editor.	M. Smith	4/12/71	5/7/71	Completed.
		4/12/71	8/26/71	

TASK AREA APL

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS	
Write Operator Routines.	D. Bricklin	4/12/71 4/26/71	5/28/71 10/8/71	Completed	*
Debug Operator Routines.	D. Bricklin	5/31/71 7/5/71	6/25/71 12/14/71	Completed	*
Finish Parser.	M. Smith	5/31/71 6/28/71	6/18/71 9/17/71	Completed	*
Cleaning up, Tuning, and performance analysis.	M. Smith D. Bricklin	7/5/71 9/13/71	7/23/71 1/7/72	In progress	*
Overall Testing.	D. Bricklin	6/28/71 12/20/71	7/23/71 1/21/72		*
Initial User Documentation	M. Smith	7/26/71 9/20/71	8/20/71 10/1/71	Completed	*
Install as a command on a limited use basis.		9/1/71 9/30/71	9/1/71 9/30/71	Completed	*
User's Manual/Maintenance Documentation	M. Smith	9/1/71 1/24/72	12/30/71 4/21/72		*
Rework APL DIM	M. Smith	11/15/71 1/24/72	12/10/71 2/11/72		*
"Execute" Operator and Other Desirable Enhancements	M. Smith	12/13/71 2/14/72	1/21/72 3/17/72		*

TASK AREA

APL

TASK DESCRIPTION	PERSONNEL	START	FINISH	CHANGES/STATUS
Open-ended Enhancements -- 360 editor, latest IBM mods.	M. Smith	1/24/72	4/24/72	*
Maintenance	D. Bricklin	1/2/72	-	Ongoing Task *

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