

CC-239-3

MAC-M-174-3

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE, MASSACHUSETTS 02139

March 2, 1965

TO: TIME-SHARING USERS
FROM: E.M. KLIMAN
SUBJECT: ABSTRACTS OF CTSS CONSOLE COMMANDS

CTSS CONSOLE COMMANDS

March, 1965

COMMAND	FUNCTION	DOCUMENTATION
ARCHIV	Handles combined files.	CTSS Bulletin 46
AED	On-line version of ALGOL.	MAC-M-146, 154, 169, 198, 199, 201, 203, 207, 208, 213, 222
BEFAP	Bell System FAP assembler.	MAC-M-179
BLODI	Block diagram compiler. A simulator for dynamic systems represented as electrical systems.	BLODI INSTR in Public file General description of BLODI, Bell Lab. Writsep, Murray Hill, N.J.
CHMODE	Changes the mode of a file.	CTSS Manual p. 78 CTSS Bulletin 27
COGO	Coordinate geometry problem oriented language.	COGO 90:Engineering Users Manual, MIT C.E. Rpt. R64-12, April, '64 The Internal Structure of COGO-90, Feb., '64 A Time Sharing Version of COGO-90, MIT C.E. Rpt. R64-18, May, '64 MAC-M-220
COMBIN	Combines files into a single file and, if desired, resequences the new file.	CTSS Bulletin 58 CTSS Manual p. 79
COMFIL	Switches user to a common file under his problem number.	CC-222 CTSS Bulletin 11
COMIT	○ A programming system for non-numerical information processing.	COMIT Programmers Reference Manual Introduction to COMIT Programming CC-237 (MAC-M-155) CC-246 CTSS Bulletin 31
COPY	○ Transfers files from a common file to a user's files.	CC-222 CTSS Bulletins 11, 18
CRUNCH	Compresses and expands files. May be used to print out and punch these compressed files.	MAC-M-178
CTEST1	Loader used by MADBUG.	CTSS Bulletin 70
CTEST2	Test version of AED	

Commands

PAGE 002

CTEST3	ESL loader, large MOVIE) table.	MAC-M-169 CTSS Bulletins 45,70 CC-235
CTEST4	SNOBOL test.	
CTEST5	Generates SYMTB files from MADTAB files.	CTSS Bulletin 28
CTEST6	Test FAP.	CTSS Bulletin 79
CTEST7	OPL. An on-line programming language.	MAC-TR-7
CTEST8	Old MAD compiler	MAD Manual, U.Mich., Feb., 1961
CTEST9	Not used.	
DELETE	o Deletes files.	CTSS Manual p. 78 CTSS Bulletin 27
DITTO	Generates a memorandum from a "MEMO" file.	CTSS Manual pp. 82-86 CTSS Note 3 CTSS Bulletin 32
DYNAMO	o A dynamic model processor.	CTSS Bulletin 35 DYNAMO User's Manual, Second Edition, by A. Pugh, III
ED	o A context editor for card image files.	CC-245 (MAC-M-195)
EDIT	o Adds to or alters a file written in BGD card image form.	CTSS Manual p. 71
ENDLOG	Simulates an automatic logout	CTSS Manual p. 69 CTSS Bulletin 5
EXTBSS	Extracts a BSS routine from a BSS file (library file).	CTSS Bulletin 29 CTSS Bulletin 37
FAP	A symbolic machine language.	FAP Reference Manual IBM Form C28-6235 7094 Reference Manual IBM Form A22-6703 CC-217, CC-201 CTSS Bulletin 5 CTSS Manual p. 72
FAPDBG	A symbolic machine language debugging and control program.	CC-216 and supplements
FILE	o Creates a disk file. Used with INPUT and EDIT.	CTSS Manual p. 71 CTSS Bulletin 64
GENCOM	Calls any command with any binary pattern for arguments.	CTSS Bulletin 26
GPSS	General Purpose System Simulator	GPSS II Manual IBM Form B20-6346 MAC-M-140

Commands

PAGE 003

INFO	Gives information about commands, library routines, supervisor entries, etc.	MAC-M-212
INPUT	○ Allows the creation of a file in card image form. Used with FILE.	CTSS Manual p. 70
L	Loader with large MOVIE) table and missing subroutine table.	CTSS Bulletins 74, 57, 65
LDABS	A loader for absolute programs.	CTSS Bulletin 30
LISP	A symbolic data processing language.	LISP 1.5 Programmers Manual MAC-M-153 (revised), 206, 219
LISTF	○ Lists a user's files.	CTSS Manual p. 69
LOAD	○ A loader for relocatable programs.	CTSS Manual p. 73 CTSS Bulletins 57, 55, 69, 70, 71, 15, 22
LOADGO	○ A loader for relocatable programs. When the programs are loaded, execution begins.	See LOAD for a list of references
LOG	Provides way to record bookkeeping information for users working on a problem. Supplies way to obtain information about the latest modifications to CTSS.	CTSS Bulletin 63
LOGIN	○ Must be given at the beginning of each user's session at a console.	CTSS Bulletin 13 CTSS Note 4
LOGOUT	○ Given at the end of each user's console session.	CTSS Manual p. 69 CTSS Bulletin 76
MAD	An algebraic compiler.	CTSS Manual, p. 73 MAD Manual, U. Mich., Nov., 1963 CC-181, 213 CTSS Bulletins 55, 65, 69
MADBUG	A debugging and control program for use with MAD compiled programs.	CC-247 (MAC-M-295)
MADTRN	○ Converts a FORTRAN source program to a MAD source program and then into binary form, if possible.	CTSS Manual p. 73 CC-183 FORTRAN manuals
MEMO	Generates a file to be used as a memorandum. Used with MODIFY and DITTO.	CTSS Manual pp. 82-86 CTSS Note 3 CTSS Bulletin 32

MODIFY	Modifies a "MEMO" file.	CTSS Manual pp. 82-86 CTSS Note 3 CTSS Bulletin 32
MCLOAD	Vanishing loader. Erases the MOVIE) cable and itself upon completion of loading. Does not allow room for "erasable".	See LOAD for a list of references.
OCYLR	Prints the octal representation of absolute locations in core B.	CTSS Manual p. 81 CTSS Bulletin 5
OCYPTAT	Permits patching into absolute locations in core B.	CTSS Manual p. 81 CTSS Bulletin 5
OCYTRA	Allows transfers to absolute octal locations in core B.	CTSS Bulletin 5
PATCH	Sets up a mode for entering patches to relative locations in a routine, to absolute locations, to COMMON, or in "patch space."	CTSS Manual pp. 76-77
PM	○ Produces a post-mortem of the user's last dormant program.	CTSS Manual pp. 75-76 CC-167
PRBIN	○ Prints the octal representation of a file.	CTSS Bulletin 29
PRBSS	Prints a summary of all BSS programs in a file.	CTSS Bulletin 29
PRINT	○ Types a file on the user's console.	CTSS Bulletin 30 (called PRINTF in the bulletin)
PRINTF	○ Types out a BCD card image file on the user's console.	CTSS Manual p. 72 CTSS Bulletin 60
R	Abbreviation for RESUME.	See RESUME below
REMARK	Records user remarks in one file.	CTSS Bulletin 33
RENAME	○ Renames a file.	CTSS Manual p. 78 CTSS Bulletin 27
RESTOR	Restores a file as the user's program. It is not restarted.	CTSS Bulletin 5
RESUME	Restores a file as the user's program and restarts it where it last left off.	CTSS Manual p. 78 CTSS Bulletin 5
REQUEST	Permits creation of control cards for requests to the disk editor at dump time.	CTSS Bulletin 68 CTSS Bulletin 75

Commands

PAGE 005

RUNCOM	Facilitates chaining of commands.	CC-238 CTSS Bulletin 54
RUNOFF	Generates a memorandum created by the TYPSET command.	CC-244 (MAC-M-193)
SAVE	○ Creates a file consisting of the complete state of the user's last dormant program.	CTSS Manual p. 74 CTSS Bulletin 5
SD	System debug. Looks at locations in core A.	CC-222
SDUMP	Allows the user to look at 'SAVED' files.	CTSS Bulletin 51
SNOBOL	A string manipulation language.	Journal of the ACM, Jan., 1964 CC-235 CTSS Bulletin 62
SP	System patch. Patches locations in core A. For M1416 users only.	CC-222
SPLIT	Splits a file into smaller ones.	CTSS Bulletin 52
START	○ Starts a program set up by the LOAD or USE command, or restarts a dormant program.	CTSS Manual p. 74 CTSS Bulletin 5
STOPAT	○ The program when executed will stop at the location specified.	CTSS Manual p. 77
STRACE	A dynamic trace program.	MAC-M-168
STRESS	Structural engineering problem oriented language.	CTSS Bulletin 67 STRESS: A User's Manual, MIT Press
TFILE	Dummy command. Goes directly to CHNCOM.	
TRA	Sets up a transfer to a relative location within a relocatable program.	CTSS Manual p. 77
TYPSET	Memorandum editor. Used with RUNOFF.	CC-244 (MAC-M-193)
UPDATE	○ Copies user files into a common file.	CC-222 CTSS Bulletins 11, 13
UPDBSS	Replaces a BSS routine in a file with a newer version.	CTSS Bulletin 29

USE	Specifies more arguments to a command when some of them are misspelled or missing. Used by LOAD, LOADGO, VLOAD, NCLOAD, SPLIT and COMBIN.	CTSS Manual p. 74
VLOAD	Vanishing loader. Deletes the MOVIE) table and itself, but allows room for 'erasable'.	See LOAD for a list of references.

MAC memoranda may be obtained in Room 836 Technology Square.
CC memoranda may be obtained in Room 26-269, M.I.T.
CTSS Bulletins may be obtained in Rooms 26-157, M.I.T. and
926 Technology Square.