

## PROMPTS

Prompts are uppercase letters, followed by a colon (:), telling you what you can do next in a command. Slash (/) separates choices. Square brackets [ ] enclose options you can ask for by typing <OPT>. The letters and what they stand for are listed below. (See SPECIAL CHARACTERS or SPECIAL TERMS for definitions.)

A	ADDRESS	OPT	<OPT>
C	Command word	RC	<RC>
L	LEVADJ	T	TYPEIN
M	<MARK>	V	VIEWSPECS
OK	<OK>	Y/N	y or <OK> for yes; n for no

## SPECIAL CHARACTERS

Parentheses enclose equivalent control character or mouse button combination. ● = button pressed, ○ = button not pressed.

<BC>	BACKSPACE CHARACTER: Erases the previous character or command step. (<CTRL-A> or ●○○)
<BW>	BACKSPACE WORD: Erases the previous word. (<CTRL-W> or ●○○)
<CD>	COMMAND DELETE: Cancels the current command. (<CTRL-X> or ○●○)
<ESC>	ESCAPE: Fills out file names and directory names. (●●○)
<HELP>	Displays information about the current command; see ONLINE HELP. (<CTRL-Q>)
<INS>	INSERT: Lets you continually insert statements until you type <CD>; see WRITING. (<CTRL-E>)
<LIT>	LITERAL: Used in TYPEIN to precede a character that otherwise would have a special effect (such as ? at a prompt). (<CTRL-V>)
<MARK>	The process of pointing to a particular character on the screen and typing <OK>.
<NULL>	Specifies "nothing" when typed for CONTENT. (<CTRL-N>)
<OK>	Terminates part or all of an AUGMENT command. At the end of a command, you may type <INS> or <RC> in place of <OK>. (<CTRL-D> or ○●○)
<OPT>	OPTION: Asks for an option in a command. (<CTRL-U>)
<RC>	REPEAT COMMAND: Repeats the last command continually until you type <CD>. Also used to repeat the text from a previous content or word search. (<CTRL-B> or ○●○)
<RET>	RETURN: Terminates part or all of an Executive command; forces a new line in AUGMENT TYPEIN. (<CTRL-M>)
<TAB>	Repeats a previous character, word, or content search. Also used for tabulation in TYPEIN. (<CTRL-I>)
<SP>	SPACE: Typed by pressing the space bar.



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## AUGMENT QUICK REFERENCE

### HOW TO READ THIS CARD

This card lists the commands and features most commonly used in display mode. (For others, use Help; see ONLINE HELP.) All commands are Base subsystem commands unless noted otherwise.

color	Blue indicates what you enter. Black boldface indicates what the system displays.
UPPERCASE	Uppercase words represent choices. The most common choices are listed below the command or under SPECIAL TERMS. For others, type ? at the prompt.
Initial Uppercase	Words in blue with the first letter capitalized are command words; type the first letter of the word or type a space and then the first letter or letters. AUGMENT fills out the word.
< >	denote special characters you type (see SPECIAL CHARACTERS)
<CTRL- >	surrounding a character indicates a control character; hold down the CTRL key while typing that character
/	separates choices
[ ]	enclose options you ask for by typing <OPT>

### STARTING A WORK SESSION

Use the NAMEs, PASSWORDs, and NUMBER you are given.

Connecting to the host computer through TYMNET:

**please type your terminal identifier a**  
**please log in: NAME;PASSWORD<RET>**

Connecting to the host computer through ARPANET:

@i<SP>25<RET>  
<CTRL-Y>○<SP>NUMBER<RET>

Logging into the host computer and entering AUGMENT:

@log<SP>NAME<SP>PASSWORD<SP><RET>  
@augment<RET>

### ENDING A WORK SESSION

Logout Job OK/TYPEIN from the Base subsystem

After logging out, ARPANET users close the connection with <CTRL-Y>c<RET>.

## ONLINE HELP

@tutor<RET> instead of entering AUGMENT; teaches you how to use basic AUGMENT capabilities

The following are available in all AUGMENT subsystems.

? at any prompt, lists your current alternatives  
<HELP> at any prompt, displays information about the command as far as you have given it  
Help OK displays information about the current subsystem  
Help TYPEIN displays information about the term or command you give for TYPEIN

After typing <HELP> or starting a Help command, your choices are:

TYPEIN another term or command or a menu item number  
< go back to a previous Help view  
<CD> to return to your work in progress

Jump (to) Locator OK a guide to AUGMENT documentation

## WRITING

Create File (to be named) CONTENT

Insert Statement (to follow statement at) LOCATION  
TYPEIN/[ADDRESS]

Insert Statement (to follow statement at) LOCATION LEVADJ  
CONTENT

<INS> INSERTSPEC INSERTSPEC ... <CD>

INSERTSPEC = TYPEIN or [ADDRESS] or LEVADJ CONTENT

## READING AND CHANGING VIEWS

The Jump commands are available in all subsystems.

Jump (to) <MARK> VIEWSPecs

Jump (to) Link CONTENT

Jump (to) Origin (of file) LOCATION VIEWSPecs

Jump (to) Next/Back/Down/Up (from) LOCATION VIEWSPecs

Jump (to) Successor/Predecessor (of) LOCATION VIEWSPecs

Jump (to) Head/Tail (of plex at) LOCATION VIEWSPecs

Jump (to) End (of) File/Branch/Plex (at) LOCATION VIEWSPecs

Jump (to) Content/Word First/Next <RC>/CONTENT VIEWSPecs

<TAB> command repeats a previous word or content search.

Jump (to) Name First/Next/Any CONTENT VIEWSPecs

Set Name (delimiters in) STRUCTURE (left delimiter to be)  
CONTENT (right delimiter to be) CONTENT

Reset Name (delimiters in) STRUCTURE OK

Show Name (delimiters for statement at) LOCATION

Jump (to) Return OK

Jump (to) Return File OK

## Set Viewspcs VIEWSPecs

With a mouse, you can set lowercase viewspcs by pressing the left and middle mouse buttons while typing the viewspcs, and uppercase viewspcs by pressing all mouse buttons while typing the viewspcs (in lowercase). Include viewspec f or F.

Reset Viewspcs (to defaults) OK

## EDITING

Insert Front (of statement at) LOCATION (the text) CONTENT

Insert STRING (to follow STRING at) LOCATION CONTENT

Insert STRUCTURE (to follow statement at) LOCATION  
TYPEIN/[ADDRESS]

Insert STRUCTURE (to follow statement at) LOCATION LEVADJ  
CONTENT

Delete STRING (at) LOCATION

Delete [(filtered) FVIEWSPecs] STRUCTURE (at) LOCATION  
(really?) OK

Move STRING (from) LOCATION/[TYPEIN] (to follow STRING  
at) LOCATION

Move [(filtered) FVIEWSPecs] STRUCTURE (from) LOCATION/  
[TYPEIN] (to follow statement at) LOCATION LEVADJ

Copy STRING (from) LOCATION/[TYPEIN] (to follow STRING  
at) LOCATION

Copy [(filtered) FVIEWSPecs] STRUCTURE (from) LOCATION/  
[TYPEIN] (to follow statement at) LOCATION LEVADJ

Replace STRING/STRUCTURE (at) LOCATION (by) CONTENT

Replace All (occurrences in) [(filtered) FVIEWSPecs]  
STRUCTURE (at) LOCATION (of old) STRING CONTENT (by new  
STRING) CONTENT OK/ALSO

ALSO = Also (of old STRING) STRING (by new STRING)  
CONTENT OK/ALSO

Transpose STRING/STRUCTURE (at) LOCATION (and) LOCATION

Force (case of) STRING/STRUCTURE (at) LOCATION CASEMODE  
OK

Force (case of) [CASEMODE (for)] STRING/STRUCTURE (at)  
LOCATION

CASEMODE = Lower or Upper or First (letter upper)

Append Statement (at) LOCATION/[TYPEIN] (to) LOCATION (join  
with) OK/TYPEIN/[LOCATION]

Append All (statements in) [(filtered) FVIEWSPecs] STRUCTURE  
(at) LOCATION (join with) OK/TYPEIN/[LOCATION]

Break Statement (after visible at) LOCATION LEVADJ

Reverse Group/Plex (at) LOCATION

Sort Branch/Group/Plex (at) LOCATION OK for alphabetic sort

Sort Branch/Group/Plex (at) LOCATION SORTTYPE

SORTTYPE = Date (and time) OK/SORTTYPE  
or Reverse OK/SORTTYPE

## SPECIAL DISPLAY FEATURES

Break Window Horizontally/Vertically (at) <MARK> OK  
Break Window Horizontally/Vertically (at) Center (of window)  
<MARK> OK

Commands affect the window containing the cursor at the final  
<OK>. To offset indenting in a narrow window, set viewspecs IQ.

Enlarge Window <MARK> (to) <MARK> OK

Delete Window <MARK> (enlarging window at) <MARK> OK

Freeze [(filtered) FVIEWSPECS] STRUCTURE (at) LOCATION  
(with viewspecs) VIEWSPECS

Include o in VIEWSPECS or set viewspec o afterwards.

Thaw All (frozen statements) OK

Thaw STRUCTURE (at) LOCATION

The following are available on the AUGMENT 1200 terminal.

SCREEN SAVE key saves current screen image; SCREEN SWITCH  
key displays image saved with SCREEN SAVE key.

To double the width of the file window:

@widescreen<RET> at the Executive @

Then push in switch 4 on display's front panel, press LOCAL  
RESET key, and enter AUGMENT. Move cursor to edge of screen  
to display beyond edge. To return to normal width, Quit from  
AUGMENT, push out switch 4, press LOCAL RESET, and reenter  
AUGMENT. Useroption for display right margin must be set to  
160. For details, Jump (to) Locator to find documentation.

## PRINTING

Print [(printing view) VIEWSPECS] FSTRUCTURE (on device)  
OK/DEVICETYPE (specifications) OK/DEVICESPECS

Print Sequential (file named) CONTENT (on device)  
OK/DEVICETYPE (specifications) OK/DEVICESPECS

Set Print (default device for session to) DEVICETYPE OK

DEVICETYPE = Workstation (printer)  
or Lineprinter not for Print Sequential  
or Terminal not for Print Sequential

DEVICESPECS =

Copies CONTENT OK/DEVICESPECS not for Terminal  
or Wait (at page break) OK/DEVICESPECS not for Lineprinter  
or Quickformat OK/DEVICESPECS not for Print Sequential

If Quickformat is not requested, output is formatted through the  
Output Processor.

Start Workstation (printer) OK

Stop Workstation (printer) WHEN (use START command to  
resume printing) OK

WHEN = Immediately or End (of) File/Page

## FILE HANDLING

Update (file) OK (new version) OK

Update (file) New/Old (version) OK

Update (file) Compact (new version) OK

Update (file) Renamed CONTENT

Delete File (named) CONTENT (really?) OK

Undelete File (named) CONTENT

Delete Modifications (to file) FILESPEC (really?) OK

Undelete Modifications (to file) FILESPEC (really?) OK

Check File (structure for internal consistency for file) FILESPEC

Show Status (for file) FILESPEC

FILESPEC = OK or TYPEIN or [LOCATION]

Move File (named) CONTENT (to a file named) CONTENT

Rename (file named) CONTENT (to be named) CONTENT

Copy File (named) CONTENT (to a new file to be named)  
CONTENT

Create Augment (structure from sequential file named) CONTENT  
(to follow statement at) LOCATION LEVADJ (using) SEQTYPE OK

SEQTYPE = One/Two (<RET>s to end statement)  
or Two (<RET>s to end statement) Justified (delete  
extra <SP>)

Create Sequential SEQFILE (from) FSTRUCTURE [(force upper  
case)] VIEWSPECS

SEQFILE = File (named) CONTENT  
or Appending (to file named) CONTENT

## DIRECTORY HANDLING

Connect (to) Directory (named) TYPEIN/[LOCATION] (password)  
TYPEIN/[ADDRESS]/OK

Connect (to) Directory (named) OK (login directory) OK

Trim (files in) Directory (named) DIRSPEC (to keep number of  
versions) CONTENT

Expunge (deleted files in) Directory (named) DIRSPEC

Show Disk (space for) Directory (named) DIRSPEC

Show Directory (named) DIRSPEC OK/DIRTYPE

Copy Directory (named) DIRSPEC (to follow statement at)  
LOCATION LEVADJ OK/DIRTYPE

DIRSPEC = OK (connected directory) or TYPEIN  
or [LOCATION]

DIRTYPE = No Version (numbers) OK/DIRTYPE  
or Size (in pages) OK/DIRTYPE  
or Date (of) Creation/Read/Write OK/DIRTYPE  
or Last (writer) OK/DIRTYPE  
or Deleted (files only) OK/DIRTYPE  
or Everything OK/DIRTYPE  
or For (file) CONTENT OK/DIRTYPE

## SPECIAL TERMS

ADDRESS	Type an address, ending with <OK>. (See LINKS AND ADDRESSES.)
CONTENT	<MARK>/TYPEIN/ [ADDRESS]. If at the end of a command, <MARK> must be followed by <OK>. For Text, Phrase, or Group, two <MARK>s or ADDRESSES are needed.
FSTRUCTURE	STRUCTURE (at) LOCATION or Rest (of file) or File (named) CONTENT
FVIEWSPECS	Type level clipping or content filtering viewspec characters, ending with <OK>. (See VIEWSPECS.)
LEVADJ	Type level-adjustment characters (u for up, d for down), ending with <OK> or <SP>, or type <OK> or <SP> for same level.
LOCATION	<MARK>/ADDRESS. If at the end of a command, <MARK> must be followed by <OK>. For Text, Phrase, or Group, two <MARK>s or ADDRESSES are needed.
OK	Type <OK>.
STRING	Character/Word/Text/Phrase/Visible/Invisible/Number/Link/Directive
STRUCTURE	Statement/Branch/Group/Plex
TYPEIN	Type a series of characters, ending with <OK>. Context may require special TYPEIN, such as a link or a file name.
VIEWSPECS	Type viewspec characters, ending with <OK>, or just <OK> for no change. (See VIEWSPECS.)

## IN CASE OF TROUBLE

If what you see on your screen looks wrong, do a local reset (press LOCAL RESET key or whatever is appropriate for your terminal) so terminal will redisplay or set viewspec F so AUGMENT will redisplay.

If nothing seems to be happening, type <CTRL-T>; if you get no response, reconnect to the host computer and do @where NAME<RET>. If Where lists your job, attach to it. (See the lesson "Starting and Ending an AUGMENT Work Session".)

If you make a serious mistake while editing, you can copy from the previous version of the file or use Delete Modifications.

If you can't modify a file because it is already being modified by you, Quit and do @where NAME<RET>. If Where lists two jobs, do @logout<RET> and attach to the other job; otherwise, try @pop<RET> to get back to an earlier AUGMENT session.

If you can't update a file you modified in another directory, try connecting to the directory and then updating.

If a message from Check File or any other command reports "Bad file", ask Help about the term "bad". (See ONLINE HELP.)

For other assistance, contact your AUGMENT representative.

## CONTENT FILTERING

Set Content (pattern to be) CONTENT

To display filtered statements, set viewspec i or k. To edit or freeze filtered statements, use i in the [(filtered) FVIEWSPECS] option of the editing or Freeze command.

Show Content (pattern currently in force) OK

## UTILITY COMMANDS

Process (commands from) STRUCTURE (at) LOCATION

Show Changes (to system) OK

Show Version (of current AUGMENT system) OK

## MOVING AROUND BETWEEN SUBSYSTEMS

These commands are available in all subsystems.

Goto (subsystem) SUBSYSTEM/ [(subsystem name) CONTENT] OK

Execute (command in) SUBSYSTEM/ [(subsystem name) CONTENT]

SUBSYSTEM = Programs or Exec or Base  
or a previously loaded subsystem

Quit OK

## CREATING AND EDITING TABLES

The following are Table subsystem commands. Use Help in Table for additional commands and information. (See ONLINE HELP.)

Insert Header (below) LOCATION (with number of columns) CONTENT (of widths) CONTENT

Insert Row (after) LOCATION (with) CONTENT (justified) OK/JUST

Separate entries with semicolon (;) or <TAB>.

Insert Blank Column (to follow) LOCATION (with width) CONTENT

Insert Blank Group (of rows after) LOCATION (number of rows) CONTENT

Replace Entry/Row/Column (at) LOCATION (by) CONTENT (justified) OK/JUST

Justify Entry/Row/Column (at) LOCATION (justified) OK/JUST

JUST = Left OK or Right OK or Center OK  
or Two (places to right) OK

Total Row/Column (of numbers at) LOCATION (enter result as) RESULT

RESULT = Entry (at) LOCATION or Status OK  
or Visible (after visible at) LOCATION

Fillout Row/Table (at) LOCATION

## LINKS AND ADDRESSES

A "link" is <ADDRESS:VIEWSPECS>

You may omit the angle brackets <> when you type a link in a command. Parentheses ( ) as well as angle brackets can delimit a link.

**ADDRESS** = **FILEADDRESS** for origin statement of file  
 or **INFILEADDRESS** for location in current file  
 or **FILEADDRESS INFILEADDRESS**  
 or omit entirely for current location

**FILEADDRESS** = **FILENAME**, at current site and directory  
 or **DIRECTORY,FILENAME**, at current site  
 or **SITE,DIRECTORY,FILENAME**,

Note that every form of **FILEADDRESS** ends with a comma.

**FILENAME** = **NAME**  
 or **NAME.EXTENSION**  
 or **NAME.EXTENSION;VERSION**

<ESC> fills out file names and directory names.

**INFILEADDRESS** is one or more of the elements below, separated by <SP>. <SP> is not required if the next element begins with punctuation. Use Help to get information about any of these elements (by typing its name) or about other elements (by typing "INFILEADDRESS"). (See ONLINE HELP.)

Element Name	Example
STATEMENTNUMBER	1a2b
SID	012
STATEMENTNAME	statementname
NEXTNAME	*statementname
BRANCHNAME	!statementname
CHARACTERSEARCH	'c
CONTENTSEARCH	"text"
WORDSEARCH	"word"=w
POSITION	.n next statement .u statement up a level .e end of branch .t tail of plex .2b two statements back .ds successor of statement down a level .l location pointed to by embedded link .r return to previous location in file .rf return to previous file
STRINGPOSITION	+e last character of statement

## VIEWSPECS

Blank lines	Blank lines between statements on Blank lines between statements off	y z
Statement numbers and SIDs	Statement numbers/SIDs on Statement numbers/SIDs off Statement numbers/SIDs right Statement numbers/SIDs left Show SIDs, not statement numbers Show statement numbers, not SIDs	m n G H I J
Statement names	Show statement names Don't show statement names	C D
Statement signatures	Show statement signatures Don't show statement signatures	K L
Level and line clipping	Show first level only Show one level more Show one level less Show all levels Show levels down to level of statement to be at top of file window Show first lines only Show one line more Show one line less Show all lines Show one level and one line only Show all levels and all lines	d b a c e t r q s x w
Structure clipping	Show branch only Show all branches Show plex only	g h l
Content filtering	Filter statements Don't filter statements Show next filtered statement	i j k
Level indenting	Level indenting on Level indenting off With viewspec l or g, offsets indenting to level of statement at top of file window; turn off with viewspec h	A B Q
Frozen statements	Show frozen statements Don't show frozen statements	o p
Screen recreation	Put viewspecs into effect Recreate display (with viewspecs in effect) Recreate window after each change Defer recreating window	f F u v