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<br />
C Command word<br />
L LEVADJ<br />
M MARK<br />
OK OK<br />

SPECIAL CHARACTERS

Parentheses enclose equivalent control character or mouse button combination. • = button pressed, 0 = button not pressed.

<BC> BACKSPACE CHARACTER: Erases the previous character or command step. (CTRL−A or •00)

<BW> BACKSPACE WORD: Erases the previous word. (CTRL−W or •00)

<CD> COMMAND DELETE: Cancels the current command. (CTRL−X or •00)

<ESC> ESCAPE: Fills out file names and directory names. (•00)

<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 00)

<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 00)

<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−T)

<SPACE> Typed by pressing the space bar.

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 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<br />

Connecting to the host computer through ARPANET:

@a<SP>25<RET>
<CTRL−Y><CF>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/TYPEN 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
< to 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 VIEWSPECS VIEWSPECS
With a mouse, you can set lowercase viewspecs by pressing the left and middle mouse buttons while typing the viewspecs, and uppercase viewspecs by pressing all mouse buttons while typing the viewspecs (in lowercase). Include viewspec f or F.

Reset VIEWSPECS (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 alpabetic sort

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/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK

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

Set Print (default device for session to) DEVICETYPE OK

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

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

Copies CONTENT OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK
or Wait (at page break) OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK
or Quickformat OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK/DEVICETYPE OK

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
FVIEWSPCS  Type level clipping or content filtering viewspec characters, ending with <OK>. (See VIEWSPCS.)
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.
VIEWSPCS   Type viewspec characters, ending with <OK>, or just <OK> for no change. (See VIEWSPCS.)

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) FVIEWSPCS] 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:VIEWSCS>

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 INFLEADDRESS for location in current file
or FILEADDRESS INFLEADDRESS
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.

INFLEADDRESS 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 "INFLEADDRESS"). (See ONLINE HELP.)

<table>
<thead>
<tr>
<th>Element Name</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATMENTNUMBER</td>
<td>1a2b</td>
</tr>
<tr>
<td>SID</td>
<td>012</td>
</tr>
<tr>
<td>STATMENTNAME</td>
<td>statementname</td>
</tr>
<tr>
<td>NEXTNAME</td>
<td>*statementname</td>
</tr>
<tr>
<td>BRANCHNAME</td>
<td>!statementname</td>
</tr>
<tr>
<td>CHARACTERSEARCH</td>
<td>'c</td>
</tr>
<tr>
<td>CONTENTSEARCH</td>
<td>&quot;text&quot;</td>
</tr>
<tr>
<td>WORDSEARCH</td>
<td>&quot;word&quot;=w</td>
</tr>
<tr>
<td>POSITION</td>
<td>.n next statement .u end of branch .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</td>
</tr>
<tr>
<td>STRINGPOSITION</td>
<td>+e last character of statement</td>
</tr>
</tbody>
</table>

VIEWSCS

Blank lines
Blank lines between statements on
Blank lines between statements off

Statement numbers
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

Statement names
Show statement names
Don't show statement names

Statement signatures
Show statement signatures
Don't show statement signatures

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

Structure clipping
Show branch only
Show all branches
Show plex only

Content filtering
Filter statements
Don't filter statements
Show next filtered statement

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

Frozen statements
Show frozen statements
Don't show frozen statements

Screen recreation
Put viewspecs into effect
Recreate display (with viewspecs in effect)
Recreate window after each change
Defer recreating window