

Appendix C

Icon and Text Editors

Below are a list of icon and full screen text editors. Most icon editors and full screen text editors are dependent on platform, operating system and motif package installed. Some systems may have other custom editors available. Additionally, most unix systems support vi and a list of some essential commands are given.

Icon Editors

The following is a list of icon editors found on specific unix platforms. The table below is broken up by system, operating system and motif package. It is possible that you may have other editors available that are not listed or you may have more than one on a system.

| <u>Machine</u> | <u>Operating System</u> | <u>Motif Package</u> | <u>Editor</u> |
|----------------|-------------------------|----------------------|---------------|
| DEC Alpha | OSF1 | MWM | bitmap |
| DEC | Ultrix | MWM | bitmap |
| HP | HP-UX 9.0.* | HP Vue | vueicon |
| IBM | AIX 3.*, 4.* | MWM | bitmap |
| SGI | IRIX 4.*, 5.* | 4DWM | imged |
| | | MWM | bitmap |
| SunOS | Sun OS 4.1.* | Openlook | iconedit |
| | | MWM | bitmap |
| SunSolaris | Solaris 2.* | Openlook | iconedit |
| | | MWM | bitmap |

notes: MWM is Motif Window Manager

4DWM is 4D Window Manager

xedit is usually located in /usr/bin/X11

vuepad is usually located in /usr/vue/bin

jot is usually located in /usr/sbin

textedit is usually located in /usr/bin

Text Editors

Most unix systems support the vi editor. Some basic commands for vi are given below. In addition to vi, many unix systems also have full screen text editors available. The specific editor available to the user depends upon which operating system/motif the particular machine is running. Listed below are some of the more common full screen editors. Directions for running these are relative simple and operate in a similar fashion as most motif applications.

Full Screen Editors

| <u>Machine</u> | <u>Operating System</u> | <u>Motif Package</u> | <u>Editor</u> |
|----------------|-------------------------|----------------------|---------------|
| DEC Alpha | OSF1 | MWM | xedit |
| DEC | Ultrix | MWM | xedit |
| HP | HP-UX 9.0.* | HP Vue | vuepad |
| IBM | AIX 3.*, 4.* | MWM | xedit |
| SGI | IRIX 4.*, 5.* | 4DWM | jot |
| | | MWM | xedit |
| SunOS | Sun OS 4.1.* | Openlook | textedit |
| | | MWM | xedit |
| SunSolaris | Solaris 2.* | Openlook | textedit |
| | | MWM | xedit |

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vi Editor Quick Reference

Syntax Description

FILE COMMANDS

vi filename open *filename* for editing

<Esc> terminates current vi operation

:q! quit editing session without updating contents of current file

:r *filename* insert contents of *filename* into current file starting at line below cursor location.

:w update contents of current file

:w *newfile* save contents of current file to *newfile*

:wq update contents of current file & quit editing session

ZZ update contents of current file & quit editing session

CHARACTER CURSOR MOVEMENT

l move cursor **right** by one character

h move cursor **left** by one character

k move cursor **up** by one line

j move cursor **down** by one line

nl move cursor **right** by *n* characters

nh move cursor **left** by *n* characters

nk move cursor **up** by *n* lines

nj move cursor **down** *n* one lines

SCREEN CURSOR MOVEMENT

0 move cursor to beginning of current line

^ move cursor to first non-space character of line

\$ move cursor to end of current line

w move to beginning of next word

nw move to beginning of *n*th word

b move backward to next beginning of word

nb move backward to beginning of *n*th word

H move cursor to screen top

M move cursor to screen middle

L move cursor to screen bottom

G move cursor to end of file

nG move cursor to line *n*

:*n* move cursor to line *n*

<ctrl>u scroll up one-half screen

<ctrl>d scroll down one-half screen

Syntax Description

<ctrl>f scroll forward one full screen
<ctrl>b scroll back one full screen
<ctrl>g display current line number

GENERAL EDITING

u undo last change
. repeat last command

yy or Y yank a copy of current line
*n*yy or *n*Y yank copies *n* lines beginning with current line
p paste yanked copies below cursor
P paste yanked copies above cursor

J join next line with current line
*n*J join next *n* lines with current line

INSERTING

i insert before cursor
I Insert at beginning of current line

a append after cursor
A append at end of current line

o insert a new line below cursor
O insert a new line above cursor

r newchar replace current character with *newchar*
R begin overwriting current line beginning at cursor position

DELETING

x delete current character
nx delete *n* characters

dw delete one word
ndw delete *n* words

d0 delete to beginning of current line
D delete to end of current line

dd delete current line
ndd delete *n* lines

dG delete to end of file

EDITING

cw change characters up to end of current word
cnw change characters up to end of *n*th word
c\$ or C change characters up to end of line

DISPLAY

:set nu display line numbers

Syntax Description

:set nonu disable line numbers display

:set list display invisible characters

:set nolist disable invisible characters display

SEARCHING

fx search forward on current line for character *x*

Fx search backward on current line for character *x*

/expression find *expression*

?expression find previous *expression*

n repeat search in same direction

N repeat search in opposite direction

:1,\$s/<x>/<y>/g searches for <*x*> and replaces with <*y*> eg.

:1,\$s/PDA/MSD/g

:map <*x*> <*com*> maps <*com*> (commands) to key <*x*> eg.

:map z I\$^V^]

now touching z in command mode inserts a “\$” at the beginning of the line and leaves edit mode

NOTE: The CTRL V needs to precede any ESC or RETURN

