

# 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

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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

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

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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

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**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  
nyy or nY 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  
nJ 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

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**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

