

# Text Editor

## Movements

h/j/k/l	left/down/up/right (arrows)
0/^/\$	beginning/soft beg./end of line
w/W	beginning of next word/WORD
e/E	end of next word/WORD
b/B	beginning of prev word/WORD
(/)	beginning of prev/next sentence
{/}	beginning of cur./next paragraph
+/-	go to next/previous line
G	go to line (count), default is eod
	go to column (count), default is bol
%	go to matching bracket
fc/Fc	find char/backwards
/pattern	find string
?pattern	find string backwards
n/N	repeat search/backwards
*/#	find next/prev instance of current word

## Multi-Selection Actions

\	rsubstitution
d	delete selections
y	copy selections
p	paste over selections
n/N	move selection to next/prev
n,n	keep a range of selections
Vpattern	keep selections with match
Ypattern	keep selections without match
x	select all matches like current
X	select everything but matches like current
o	move caret to opposite end

## Selections

### Basic Commands

/pattern/	select pattern
Vmovements	select from current pos
n,n	select range of lines
	select object (inclusive)
atype	select object (exclusive)
ttype	

### Multi-selection Commands

V/pattern	select all matches
V pattern	select all lines with match
V{scope	select all matching scopes
Vatype	select all objects (inclusive)
Vttype	select all objects (exclusive)
Y/pattern	select everything but matches
Y pattern	select all lines without match
Y{scope	select everything but scope
Yatype	select everything but objects (inclusive)
Yttype	select everything but objects (exclusive)

### Object Types

w	word
s	sentence
p	paragraph
c	comment
"	"string"
'	'string'
(	(block)
{	{block}
[	[block]
<	<block>

**Example:** Replace all '10' w/ '11' in comments only

```
<esc>      enter command mode
Vtc      select contents of all
          comments (syntax aware)
\
V/10/
r11      select all matches of '10'
          replace with '11'
```

**Example:** swap 'foo' and 'bar' over entire source (no comments)

```
<esc>
Yac
\
Ya"
\
V/(foo)|(bar)/
r(?1:bar)(?2:foo)<enter>
          enter command mode
          select everything but comments
          enter selections
          select everything but strings
          enter selections
          select all instances of foo and bar
          replace with opposites
```

## Actions

### Insert Mode

i	enter insert mode
I/A	insert at beg./end of line
o/O	insert new line below/above
cmovement	change from current pos
C	change to end-of-line
cc	change current line

### Modification

x	delete current char
X	backspace
dmovement	delete from current pos
dd	delete current line
rc	replace char
ymovement	copy
yy	copy current line
p	paste

### Ranges

<esc>	enter command mode
V:href=".+?" /	select all hrefs
1\	enter capture 1
/ref/	select 'ref'
rsource<enter>	replace with 'source'

**Example:** In a "refer" format file, select all titles

authored by Pike

```
<esc>
Y/^\\n/
V%A.*Pike<enter>
\
V|^\\n
          enter command mode
          select all records (between empty
          lines)
          only keep those written by Pike
          enter selections
          select lines with titles
```