



Introduction to vim







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Vim Modes

Vim has three **modes**:

Name	Function	Key(s)
Normal	navigation and text editing	Default/ 
Insert	inserting text	
Normal	highlighting text/rows/blocks	 /  /  + 

Vim Grammar

Generally speaking, vim commands can be structure in different forms (here referred to as "rules" (CITE)).

The most simple rule is

command operator(s)

Example

Command	Syntax	Keys
Delete word	dword	[d] [w]
Copy until 'A'	copy:until 'A'	[y] [f] [A]





Vim Grammar

Operators and motions can be preceded by repetitions, i.e.



cntrl(r)

Example

Command	Syntax	Keys
3× delete word		
Delete 3 words		

List of Operators

Main vim operator keys:

Key	Func.	Key	Func.
y	copy	c	change (delete + insert)
d	delete	x	delete single
p	paste	P	paste before
u	undo	Ctrl + r	redo
.	repeat action	;	repat motion





















List of Motions

Main vim motion (navigation) keys:

Key	Func.	Key	Func.
<code>w</code>	next word	<code>b</code>	beginning of word
<code>e</code> / <code>g</code> <code>e</code>	end of word / prev	<code>n</code>	next find
<code>n</code>	next find	<code>N</code>	prev find
<code>f</code> <code>α</code>	next α	<code>F</code> <code>α</code>	prev α
<code>t</code> <code>α</code>	before next α	<code>T</code> <code>α</code>	after prev α

List of Motions

Some motions aren't actually relevant to operators and repetitions:



Key	Func.	Key	Func.
 / 	left	 / 	down
 / 	up	 / 	right
	start of line		end of line
	start of line (text)		matched paranthesis
	top of view		bottom of view
	middle of view		bottom of view
 + 	scroll screen up	 + 	scroll screen down

Modifiers

The following two keys are **Modifiers**:

Key	Meaning
i	Inside an object
a	Around an object

Example

Command	Syntax	Keys
Copy around '[]'		y a [
Delete inside '{}'		d i {