



# Introduction to vim







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# Vim Modes

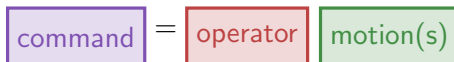
Vim has three **modes**:

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

# Vim Grammar

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

The most simple rule is

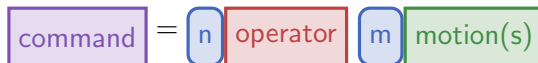


## Example

Command	Syntax	Keys
Delete word	<div>del</div> <div>word</div>	<div>d</div> <div>w</div>
Copy until 'A'	<div>copy</div> <div>until 'A'</div>	<div>y</div> <div>f</div> <div>A</div>

# Vim Grammar

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



## 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.
w	next word	b	beginning of word
e / g e	end of word / prev	n	next find
n	next find	N	prev find
f $\alpha$	next $\alpha$	F $\alpha$	prev $\alpha$
t $\alpha$	before next $\alpha$	T $\alpha$	after prev $\alpha$

# List of Motions

Motions that aren't 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