

# Vi QUICK CARD

# BeginLinux.com

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Vi Basics	Movement	Text Manipulation
<p><b>To open vi, you can just type "vi" at the command-line.</b></p> <p>open filename                               vi filename            start insert mode to write text                               i            exit insert mode                               Esc            write file                                       :w file            append file                                   :w &gt;&gt;file            exit save changes                               :x            quit   :q            quit without saving changes                               :q!</p>	<p>Use a "force multiplier" by adding a number.</p> <p><b>By Character</b>            left,down,up,right                               h , j , k , l            add number to letter                               nh , nj , nk , nl            forward, back to character                               fc , Fc</p> <p><b>By Word</b>            next word, blank delimited word                               w , W            begin of word, begin of delimited word                               b , B            end of word, end of blank delimited word                               e , E</p> <p><b>By Line</b>            move to line number n                               nG , :n            first or last position on line                               0,\$            sentence before, sentence forward                               ( , )            paragraph before, forward                               { , }            begin of file, end                               1G , G</p> <p><b>By Screen</b>            scroll forward, scroll back one screen                               ^F , ^B            scroll forward, scroll back half screen                               ^D , ^U</p>	<p><b>Insert Text</b>            insert before cursor, before line                               i , I            append after cursor, after line                               a , A            open new line before, after cursor                               o , O            replace char, replace many char                               r , R</p> <p><b>Delete Text</b>            delete char right, left of cursor                               x , X            to end of line   D            delete line, number of lines                               dd , ndd            delete line   :d</p> <p><b>Copy (yank) Text</b>            copy line, number of lines                               yy , nyy            copy line   :y            copy and movement command                               yw , y( , y)</p> <p><b>Paste Text</b>            paste after position or line                               p            paste before position or line                               P</p> <p><b>Change Text – deletes and leaves in insert mode</b>            change word   cw            change to end of line                               C            change line   cc</p> <p><b>Undo</b>            undo last command                                       u            undo change on line                                       U</p> <p><b>Insert Text From File</b>            insert from external file(f)                               :rf</p>
<p><b>Operational Modes</b></p>	<p><b>Markers</b></p>	<p><b>Split Window</b></p>
<p><b>Command Mode-</b> open vi with "vi"            Command mode allows you to run most of the movement, search, replacement, deletion, copy and paste commands.</p> <p><b>Insert Mode-</b> edit a file click "i"            Insert mode provides a way to edit text. Exit insert mode with Esc.</p> <p><b>Last-Line Mode-</b> save the file ":wq"            Last-line mode allows you to save, quit editing.</p>	<p>mark position (a..z)                               mp            move to marked position (a..z)                               `p            move to 1<sup>st</sup> non-whitespace on mark                               'p</p>	<p>Works with vim only.            vertical split   :vsplit            horizontal split   :split            open file   :e            move to next window                                       Ctrl+W Ctrl+W</p>
<p><b>Search</b></p>	<p><b>Buffers</b></p>	
<p>search string forward                               /string            search string back                               ?string            repeat search forward, back                               n , N</p>	<p>26 named buffers (a...z) and (A...Z) lower case overwrites and upper case appends            create buffer                               "add , "b3yy , "c8yw , "d6dd , etc.            copy buffer                               "ap , "bp , "cp , etc.</p>	
<p><b>Replace</b></p>	<p><b>Number Lines</b></p>	
<p>replace old/new                                       :s/old/new            on line replace old/new                               :s/old/new/g            replace line x to y                               :x,y/old/new/g            replace all in file                               :%s/old/new/g            confirm replace file                               :%s/old/new/gc</p>	<p>add numbers                                       :set number            turn off numbers                               :set nonumber</p>	