

Introduction to Vim

Objectives

- >> Open a file
- >> Toggle between command mode and edit mode
- >> Save a file and quit
- >> Use basic movement and edit commands

The only command you ever need

escacpe :q!

... this gets out of vim

The End

Just Kidding...Why vim?

1. You will have to use vim to edit files on *nix machines
2. Extremely efficient once you get used to it
3. It could be the only IDE/editor you ever need
4. It has powerful regex search/replace built in
5. You will be able to debate your friends who prefer emacs on the benefits of vim

<https://www.youtube.com/watch?v=3r1z5NDXU3s>

Edit vs. Command Mode

the **esc** toggles between the two modes (edit or commands).
Working in vim requires switching between the two a lot!

Opening a file

```
vim bacon.txt
```

Switch to edit mode and write some text

```
esc i
```

... start writing

Save the file and quit

```
esc :wq
```


The Basics...

<code>h j k l</code>	<code>: move cursor (l: → j: ↓ k: ↑ h: ←)</code>
<code>A</code>	<code>: Append at end of line</code>
<code>o</code>	<code>: Insert at new line below</code>
<code>u</code>	<code>: undo last command, again and again</code>
<code>x</code>	<code>: delete character under cursor</code>
<code>dw</code>	<code>: delete everything right from the cursor to the start of next word (and put it into the default register)</code>
<code>dd</code>	<code>: delete line (and put it into the default register)</code>
<code>p</code>	<code>: paste the default register</code>

`/bacon: search forward for bacon`

Copy Paste

v : visual mode -- use to select text with cursor movement or mouse

y : use to yank (copy) what was selected

<Esc> : esc gets you back to the main mode

^ w e \$: bigger movements: beginning of line, word, end of word, end of line

Modes:

normal, insert and visual, there are others too

<Esc> takes you back to normal

Commands are case sensitive:

c : starts a change command

C : change to end of line (same as c\$)

search and replace

`s/bacon/lettuce/g` : use regex to search & replace the line
`%s/bacon/lettuce/g` : use regex to search & replace the file

Combining Movement and Edit

esc d shift-G : delete everything to the end of the file

esc cw : change the current word you are on

Show how to build a SQL statement from CVS delimited data

Want More?

<https://vim-adventures.com/>

<http://vim.wikia.com/wiki/BestVimTips>

<http://www.viemu.com/avivimgraphicalcheatsheettutorial.html>