



**Vim fo
Mere Mortals**

@VimIndy 06.2016

Who am I?

@claytron IRL and on the internets

Senior Software Engineer at TinderBox 🔥

Vimmer ca. 2003



is **hard** retro.

Don't rage :quit! just yet...



fundamentals

**You start by learning the
minimal to survive,
then you integrate all the
tricks slowly.**

– Learn Vim Progressively

\$ vimtutor

in Neovim
:Tutor

command line

```
$ alias vimtutor='nvim -c Tutor'
```

Terminology



A **buffer** is the in-memory text of a file.

A **window** is a viewport on a buffer.

A **tab page** is a collection of windows.

:help window

```
(1.3) slides.md (2.1) windows.txt  
{not able to use vertically split windows when the +vertsplit feature was  
disabled at compile time}  
  
=====  
1. Introduction          *windows-intro* [window]  
  
Summary:  
A buffer is the in-memory text of a file.  
A window is a viewport on a buffer.  
A tab page is a collection of windows.  
  
A window is a viewport onto a buffer. You can use multiple windows on one  
buffer, or several windows on different buffers.   
  
A buffer is a file loaded into memory for editing. The original file remains  
unchanged until you write the buffer to the file.  
  
A buffer can be in one of three states:  
  
active-buffer  
active: The buffer is displayed in a window. If there is a file for this  
buffer, it has been read into the buffer. The buffer may have been  
modified since then and thus be different from the file.  
hidden-buffer  
hidden: The buffer is not displayed. If there is a file for this buffer, it  
has been read into the buffer. Otherwise it's the same as an active  
buffer, you just can't see it.  
inactive-buffer  
inactive: The buffer is not displayed and does not contain anything. Options  
for the buffer are remembered if the file was once loaded. It can  
contain marks from the viminfo file. But the buffer doesn't  
contain text.  
  
In a table:  
NORMAL windows.txt[-]  help < 7,720 words < 3% ↴ 36/1196☰ : 65
```

(1.3) slides.md (2.1) windows.txt

```
51 ~
52 -----
53 ~
54 > You start by learning the minimal to survive, ~
55 > then you integrate all the tricks slowly. ~
S> 56 -- [Learn Vim Progressively][learn-vim-progressively] ~
57 ~
58 ^ Excellent post. ~
59 You Should read it! ~
60 I still don't know all the tricks! ~
61 ~
62 -----
63 ~
64 '$ vimtutor' ~
65 ~
66 ^ Get used to the default controls. ~
67 Build a strong basis in Vim usage. ~
68 If you do nothing else, do this! ~
69 ~
70 -----
71 ~
72 in [Neovim][neovim] ~
73 ':Tutor' ~
74 ~
S> 75 <br/> ~
76 ~
77 command line ~
78 '$ alias vimtutor='nvim -c Tutor'' ~
79 ~
S> 80 █
81 ^ Built in to Neovim. ~
82 Available as [vim-tutor-mode][vim-tutor-mode] plugin. ~
83 Some plugins have written tutorials. ~
84 ~
```

slides.md

```
458 -----
459 ~
460 # Photo Credits ~
461 ~
462 ![] [title] Title ([B.B. Wijdieks][title-credit]) ~
463 ![] [fundamentals] Fundamentals ([@nobida][fundamentals-credit]) ~
464 ![] [first-aid] Help ([@mountaineer4061][first-aid-credit]) ~
465 ![] [sensible] Sensible ([@matt_gibson][sensible-credit]) ~
466 ![] [arrow-keys] Arrow Keys ([@regocasasnovas][arrow-keys-credit]) ~
467 ![] [help] Help ([@carbonated][help-credit]) ~
468 ![] [modal] Modal ([@chrisobayda][modal-credit]) ~
469 ![] [speak-vim] Do you speak it? ([@reallyboring][speak-vim-credit]) ~
470 ![] [hjkl] hjkl ([@donpdonp][hjkl-credit]) ~
471 ![] [riot] mouse ([@kapy][riot-credit]) ~
472 ![] [plugins] Plugins ([@chicagobart][plugins-credit]) ~
473 ![] [pillaging] Pillaging ([Damian Gadal][pillaging-credit]) ~
474 ![] [links] Links ([@volvob12b][links-credit]) ~
```

slides.md

```
523 [//]: # ( ----- )
524 ~
525 [//]: # ( CC Images
526 [//]: # ( -----
527 [title]: images/title.jpg ~
528 [title-credit]: https://flic.kr/p/jaYcP6 ~
529 [fundamentals]: images/fundamentals.jpg ~
530 [fundamentals-credit]: https://flic.kr/p/cmBpNL ~
531 [first-aid]: images/first_aid.jpg ~
532 [first-aid-credit]: https://flic.kr/p/5qrhwr ~
533 [sensible]: images/sensible.jpg ~
534 [sensible-credit]: https://flic.kr/p/dMBvmp ~
535 [arrow-keys]: images/arrow_keys.jpg ~
536 [arrow-keys-credit]: https://flic.kr/p/7vSVVd ~
537 [help]: images/help.jpg ~
538 [help-credit]: https://flic.kr/p/3q8dM ~
```

NORMAL > SPELL > +81 ~0 -67 ↵ master > < 14% ↵ 80/565≡ : 1 ◀ [Syntax: line:6 (51)] slides.md markdown 1,249 words < 82% ↵ 467/565≡ : 8

A person wearing a blue long-sleeved shirt and a brown cap is seen from the side, playing a brass instrument, likely a tuba or bassoon. The background is a blurred outdoor setting with greenery.

Modal Editing

**Normal
Visual
Select
Insert
Command
Ex**

***How do you generate a
random string?***

*Put a first year CS student
in front of Vim and tell
them to save and exit.*

#normalmodeproblems

Normal Mode

Insert Mode

Command Mode



Help!

:help

:help help

For any topic :help syntastic

For an option :help 'syntastic_ignore_files'

For a command :help :SyntasticInfo

```
:helpgrep syntastic.*checker\c
```

:tab help intro

1. Help commands

online-help

help *<Help>* *:h* *:help* *<F1>* *i_<F1>* *i_<Help>*<Help>
or
:h[elp] Open a window and display the help file in read-only mode. If there is a help window open already, use that one. Otherwise, if the current window uses the full width of the screen or is at least 80 characters wide, the help window will appear just above the current window. Otherwise the new window is put at the very top.



VimIndy Slack.

#vim on Freenode.

Vi and Vim StackExchange.



HELP WANTED
FULL & PART TIME

A vintage computer monitor sits on a desk, displaying a dark, abstract image of a landscape with a large tree. In the foreground, a keyboard is partially visible, covered in debris and dust. The overall scene has a gritty, retro feel.

Vim! Do you speak it?

:help motion.txt

2d3w

└─ motion
 └─ count
 └─ operator
 └─ count

ggguG

the jerry yang treatment.

xp

Transpose characters.

dw

Delete till end of word.

diw

Delete the current word.

d2w

Delete two words.

dd

Delete a line.

d2d

Delete two lines.

cW ciw c2w cg_ cG

vw viw v2w vg_ vG

68i-<Esc>

Add an ascii bar

2d3w

└─ motion
 └─ count
 └─ operator
 └─ count

A dark, close-up photograph of a computer keyboard, focusing on the arrow key cluster. The keys are illuminated from below, creating a bright glow against the dark background. The text "Arrow Keys?" is overlaid in large, bold, sans-serif font.

Arrow Keys?

***Experienced users prefer
the hjkl keys because
they are always right
under their fingers.***

***Beginners often prefer
the arrow keys,
because they do not know
what the hjkl keys do.***

*The mnemonic value of hjkl
is clear from looking at the
keyboard.*

*Think of j as an arrow
pointing downwards.*

– :help motion.txt

VIM WIZARD

[1] a man who has magical powers, especially in legends and fairy tales



You can use your
MOUSE

A dark blue car is shown driving through deep snow. The rear wheel and the path it has already made in the snow are clearly visible. The car's body is covered in a layer of snow, and the background is a bright, snowy landscape.

Use vim-sensible to start out.

Or go all in with Vim Bootstrap, Janus or spf13.

A dark, atmospheric image showing a close-up of a vintage-style door handle and lock mechanism. The handle is made of dark wood with a brass-colored lock plate featuring a circular emblem. The lighting is low, creating deep shadows and highlights that emphasize the texture of the wood and metal.

pluggings

Plugin Managers

Pathogen
Vundle
vim-plug
vim-addon-manager
dein.vim
Vizardry
Vimana

Install Plugins

```
call plug#begin()  
Plug 'tpope/vim-sensible'  
Plug 'scrooloose/syntastic'  
call plug#end()
```

NOTICE

CONTAINER MUST BE PLACED
ON HARD LEVEL SURFACE
- LOAD UNIFORMLY -

CAUTION
DO NOT PLAY OR CLIMB IN,
ON OR AROUND, OR OCCUPY THIS
CONTAINER FOR ANY PURPOSE

STOP

PLEASE RECYCLE YOUR WASTE

SAVE OUR NATURAL RESOURCE

START YOUR RECYCLING PROGRAM

 BFI 965-5248 

Pillaging.vimrc

THE END

Links

- [@VimIndy](#)
- [vim.org](#)
- [Neovim](#)
- [Help always in a tab](#)
 - [My .vimrc](#)
 - [VIM: Hard Mode](#)
- [vim-galore: Everything you need to know about Vim](#)



Screencasts

- [Vimcasts](#)
- [Derek Wyatt Tutorials](#)



Articles / Books

- [Learn Vim Progressively](#)
- [Learn Vim the Hard Way](#)
- [Coming Home to Vim](#)
- [Everyone Who Tried to Convince
Me to use Vim was Wrong](#)
 - [Learn to Speak Vim](#)
- [Vim Text Objects: The Definitive
Guide](#)
 - [Practical Vim](#)



Photo Credits

 Title ([B.B. Wijdieks](#))

 Fundamentals ([@nobida](#))

 Terminology ([@nicklockey](#))

 Modal ([@chrisobayda](#))

 Help ([@mountaineer4061](#))

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 Do you speak it? ([@reallyboring](#))

 Arrow Keys ([@regocasasnoveas](#))

 hjkl ([@donpdonp](#))

 mouse ([@kapy](#))

 Sensible ([@matt_gibson](#))

 Plugins ([@chicagobart](#))

 Pillaging ([Damian Gadal](#))

 Links ([@volvob12b](#))

 This Picture ([@rhodes](#))

Thanks to **flickr**
and **creativecommons**



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International License.

bar

| To screen column [count] in the current line.
| exclusive| motion. Ceci n'est pas une pipe.