

# Editing with Vim and Vigor

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## History

Use

Putting it all together

Wrap Up

Questions

## From *ed(1)* to *vim(1)*

- visual mode for ex
- vi started by Bill Joy in 1976
- vim released in 1991 by Bram Moolenaar

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# Basics

- Move around with *h* (left), *j* (down), *k* (up), *l* (right)
- Repeat a command any number of time: *NN* command
- Enter insert mode: *i* (also *a*, *A*)
- Get out of insert mode: *ESC*
- And so much more

# S commands

## Substitution

- Run *sed(1)* commands
- Select ranges from the file on which to operate

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## Sorting

- Get things in order!

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# Macros

- “shortcuts” to arbitrary composition of editing commands
- Ability to record macros interactively
- Start recording with  $q$ . Stop recording with  $q$

# Customization

- Run commands when a file name matches a glob
- Run commands based on command line switches

# Scripting and Applications

Vim can be extended in various languages

- vimscript
- Python
- Ruby
- tcl
- racket/mzscheme (broken)

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Can be used to create applications

- notmuch
- vimdiff

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# Projects

- Do the vimtutor <http://www.openvim.com/tutorial.html>
- Collaborative editing
- fix scheme support

# Other Editors

- nvi
- nano
- emacsen
- yi
- sam and acme
- Lime Text
- Kate
- Gedit

# ICCF Holland



<http://www.iccf.nl/news.html>



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[http://en.wikipedia.org/wiki/File:  
VIM\\_washing\\_powder.jpg](http://en.wikipedia.org/wiki/File:VIM_washing_powder.jpg)