

# Intermediate Vim

April 16, 2010

# Prerequisites

**Saving** - :wq

**Editing** - :e

**Moving Around** - hjkl, wb, C-u, C-d, zz etc...

**Regular Expressions** - s///g, filenames

# Overview of topics

1. Set and Map
2. Marks and Registers
3. Macros
4. Laying out a Work Session
  - ▶ Buffers
  - ▶ Windows
  - ▶ Tabs
5. Programming
  - ▶ Compilation (Make)
  - ▶ Runtime (GDB)

# Set Sets Variables

- ▶ Variables are used by the editor
- ▶ Variables are used in Vimscript
- ▶ Keycodes are contained in variables

# Map binds keys

- ▶ WYTIWYG
- ▶ Remember the <CR>

# Marks get you around quickly

- ▶ First mark your target with m
- ▶ Get there quickly with '
- ▶ :marks

# Registers are clipboards

- ▶ yank it into a named register
- ▶ put it with “
- ▶ edit it with “
- ▶ put it again

# Surprise! Macros are just registers

- ▶ Recording Macros
- ▶ Playing Macros Back (Thanks Chad!)
- ▶ Editing Macros: The “ registers



# Different views on the same document set

- ▶ Buffers
- ▶ Windows
- ▶ Tabs

# Buffers

- ▶ Buffers are the files you have open
- ▶ `:buffers`
- ▶ `:b close`
- ▶ `:bufdo`

# Windows

- ▶ Windows offer a view
- ▶ `:sp` and `:vs`
- ▶ `:b` autocompletion
- ▶ `:windo`

# Tabs

- ▶ An additional view layer
- ▶ `:tabnew`
- ▶ Remap to standards
- ▶ `:tabdo`

# Never leave vim

- ▶ Compilation and Runtime Debugging
- ▶ Make is well integrated
- ▶ GDB, not so much

# Compilation (Make)

- ▶ `:make`
- ▶ `:cwin` and the quickfix window (thanks Finch!)
- ▶ `:ccl`

# Runtime (GDB)

- ▶ gdbvim
- ▶ cgdb
- ▶ clewn/vimgdb/pyclewn

# Outro

- ▶ vim++
- ▶ <http://vim.wikia.com/>