

# VIM FOR DRUPALLERS

Getting the most out of the ever-present editor

October 21, 2012 by Patrick Teglia

# Who am I?

Patrick Teglia (Pat, or CrashTest\_)

Senior Developer at Forum One  
building Drupal sites & mobile apps.

Father of 3 very busy girls.

Hiker, photographer, gamer.

Not a Vim expert!

# Questions to Answer:

- How do I set up Vim for Drupal?
- How do I customize Vim?
- What plugins can help?
- Can I debug with Vim?
- What can Vim do?
- Bonus: How do I learn Vim?

# What is Vim (says Vim)?

```
VIM - Vi IMproved
      version 7.3.390
      by Bram Moolenaar et al.
Vim is open source and freely distributable

      Help poor children in Uganda!
type  :help iccf<Enter>      for information

type  :q<Enter>              to exit
type  :help<Enter> or <F1>   for on-line help
type  :help macvim<Enter>   for MacVim help
```

- Vim is often called the “programmers editor”
- It is NOT vi.
- Vim is a tool that needs to be learned.

# Why use Vim?

- “I didn’t know Vim could do that?!”
- It’s pretty much everywhere
- It can be used simply or advanced.

```
.. (up a dir)
<cod7/sites/all/modules/custom/
└─ drupalcamp/
  └─ drupalcampnh_core/
     drupalcampnh_core.context.
     drupalcampnh_core.delta.inc
     drupalcampnh_core.features
     drupalcampnh_core.features
     drupalcampnh_core.field_gr
     drupalcampnh_core.info
     drupalcampnh_core.module
     drupalcampnh_core.views_de
  └─ pnwds/
     pnwds.info
     pnwds.module
     pnwds_registration_fields.
  └─ pnwds_registration/
     pnwds_registration.feature
     pnwds_registration.feature
     pnwds_registration.info
     pnwds_registration.module
158
159 /**
160  * Implements hook_token_info().
161  */
162 function pnwds_token_info() {
163   $info['tokens']['user']['password']
164   'name' => t('Password'),
165   'description' => t('User password
166   account creation)'),
166 };
167 return $info;
168 }
169
170 /**
171  * Implements hook_tokens().
172  */
173
174 function pnwds_tokens($type, $tokens,
175   array $options = array()) {
176   $replacements = array();
177   $url_options = array('absolute' =>
178   if (isset($options['language'])) {
179     $url_options['language'] = $optio
180   }
181
182   if ($type == 'user' && !empty($data
183     $account = $data['user'];
184
185   foreach ($tokens as $name => $origi
186     switch ($name) {
187       case 'password':
188         $replacements[$original] =
```

# Initial Setup - Get Janus

- Traditionally use `.vimrc` and `.vim/`
- Janus builds and keeps plugins up to date.
- `.vimrc.after == .vimrc`
- `.janus/ == .vim + pathogen`
- <https://github.com/carlhuda/janus>

# Janus installs plugins that work!

Fugitive - git integration

CtrlP - fuzzy file search

Nerd Tree - file explorer

Nerd Commenter - comments

SuperTab - tab completion

Syntastic - syntax checking

BufferGator - buffer help



# Drupal Standards

Drupal Vim page: <http://drupal.org/node/29325>

```
44 " This command applies the previous function to any Drupal file on :w.
45 autocmd BufWritePre *.module,*.install,*.test,*.inc,*.profile,*.view :call <SID>StripTrailingWhitespaces()
46 
47 " This allows us to use the same function to strip out whitespace anywhere,
48 " using the f5 key. Thanks Vim Scripts!
49 noremap <silent> <F5> :call <SID>StripTrailingWhitespaces()<CR>
50 
51 " Drupal code formatting standards.
52 set expandtab " Expand tabs to spaces.
53 set tabstop=2 " Use 2 spaces, say, rather than 4.
54 set shiftwidth=2 " This is the amount of indentation.
55 set softtabstop=2 " This helps make sure that when you backspace in insert mode, it backspaces the entire tab.
56 set autoindent
57 set smartindent
58 
59 " Turn on syntax highlighting.
60 syntax on
61 filetype on
62 
63 " Drupal *.module and *.install files should be code highlighted like php.
64 autocmd BufRead,BufNewFile *.module,*.install,*.test,*.inc,*.profile,*.view set filetype=php
65 
.vimrc.after Line:46/74[62%]Col:1Buf:#1[0][0x0]
```



# Customize!

- Janus comes with tons of colors schemes (Or you can make your own!)
- Add custom vimrc entries to `.vimrc.after`
- `esc -> “:colorscheme molokai”`

```
aqua          clarity      dw_red       Ironman       navajo-night  robinhood    tolerable
astronaut     cleanphp    dw_yellow    jammy         neon           ron          torte
asuidark      colorer     earendel    jellybeans    neverness      rootwater   twilight
autumn        dante      eclipse     jellybeans+   night         satori      two2tango
autumn2       darkZ      ekvoli      kellys        nightshimmer  sea         vc
autumnleaf    darkblue   elflord     koehler       no_quarter   settlemyer  vibrantink
baycomb       darkblue2  evening     leo           northland    shine       vividchalk
bclear        darkbone   fine_blue   lettuce       nuvola       sienna      vylight
biogoo        darkslategray fine_blue2  lucius        oceanblack   silent      winter
blacksea      darkspectrum fnaqevan    macvim        oceandeeper  simpleandfriendly wombat
blue          dawn       fog         manxome       oceanlight   slate       wombat256
bluegreen     default    freya       marklar       olive        softblue    wood
borland       delek      fruit       maroloccio    pablo        solarized   wuye
breeze        denim      fruity      martin_krischik papayawhip    soso       xemacs
brookstream   desert     getafe      matrix        peachpuff    spring      xoria256
buttercream   desert256  github     molokai       peaksea     summerfruit256 zellner
calmar256-dark  desertEx  golden     moria         print_bw    synic      zenburn
calmar256-light dusk       guardian    morning       pyte        tabula     zmrok
camo          dw_blue    habilight   moss          railscasts   tango
:colorscheme
```

# Can Vim Debug?

- Vim + XDebug
- <http://2bits.com/articles/using-vim-and-xdebug-dbgp-for-debugging-drupal-or-any-php-application.html>
- Or search for “Vim Drupal Xdebug”

# What Can Vim Do?

- Snippets (demo h\_menu and mi)
- Fugitive (demo)
- \rt, \n, \b (demo)
- syntastic, tab complete (demo)
- ctrlp (demo)
- . (repeat)

# Where Can I Learn?

- Vim Tutor
- [vimcasts.org](http://vimcasts.org)
- Read Janus' doc!
- Game (<http://vim-adventures.com/>)
- #vim freenode (mad regexp skills)

# THANK YOU!

**Any questions?**

**[pteglia@forumone.com](mailto:pteglia@forumone.com)**

