

# The Top Ten Development Lessons They Didn't Teach You in School

# Dustin Younse

[@milsyobtaf](#)

<http://dustin.younse.com>

# Tools

**How do you get around your code?**

# "Text Editors"

- Notepad (Windows)
- Textedit (Mac)
- Nano (Mac / Linux)

# Text Editors

- Notepad++ (Windows)
- Vim (Mac / Linux)
- Dreamweaver (Mac / Windows)
- BBEdit (Mac)
- Sublime Text (Mac / Linux / Windows)
- Atom (Mac / Linux / Windows)

**IDEs**

# Integrated Development Environments

- [PHPStorm](#) (Mac / Linux / Windows)
- [Eclipse](#) (Mac / Linux / Windows)
- [Komodo](#) (Mac / Linux / Windows)



# Version Control

# "Options"

- Subversion / SVN
- Git
- Mercurial
- Fossil

**The best time to plant a tree  
was 20 years ago.  
The next best time is now.**

***- Chinese Proverb***

# Shortcuts

# Aliases

- `git reset --soft ^HEAD`
- `.gitconfig`
- `unset = reset --soft ^HEAD`

# Aliases

- `git commit -m "This is my commit message"`
- `c = commit -m`
- `git c "This is my commit message"`

# Frameworks and Libraries

# Good for your environment

- Command line frameworks
- Bash It
- Oh My ZSH



# Good for prototyping

- [Bootstrap](#)
- [HTML5 Boilerplate](#)
- [Drupal](#)

# Good for production

- Drupal
  - Performance
- Bootstrap
  - Optimization

# Refactoring

**It already works**

**It needs to keep working - the same**

# Git is your friend

- `git log`
- `git diff`

# Functional differences matter

- Unit testing
  - SimpleTest
    - PHP Unit Testing
  - PHPUnit
    - Javascript Unit Testing
- Behavioral testing
  - Behat

# Visual differences matter

- Screenshots
- PhantomCSS



# Community

# Meetups

- Drupal / PHP / CSS Meetups
- Refresh
- Creative Mornings

# Online Groups

- [groups.drupal.org](https://groups.drupal.org)
- [Dribbble](https://dribbble.com)

# Communicating

# The Medium Is The Message

- Skype
- Google Hangout
- IRC
  - IRCCloud
- HipChat
- Slack

# Communication

# Clients

# Coworkers



# Vendors

# **Vendors – You Don't Pay**

# Sharing

# Ways to Share

- Talks
- Blog Posts
- Releasing Code

# Code / Configuration

- Github
  - <http://dotfiles.github.io>
- Software / Hardware
  - [The Setup](#)

# The Most Important Lesson of All

# Alley Interactive

[@alleydev](#)

<http://alleyinteractive.com>

# Dustin Younse

**@milsyobtaf**

**<http://github.com/milsyobtaf/dcct2014>**