

Drupal for Designers

“Not decorating on top of what Drupal gives you, but rather, letting Drupal’s default behavior simply provide a guide for your design.”

Drupal for Designers

by Dani Nordin

<http://my.safaribooksonline.com>

Introduction

Daniel Schiavone

Developer since 1996

Drupal since 2008

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DDO: schiavone

Founder of art non-profit
www.CreativeAlliance.org

First web dev project in 1995
Maryland State Arts Council Slide
Registry

Drupalpiphany at DrupalCon DC
2008

Community

Baltimore Drupal Meetup

Baltimore / DC Drupal
Co-working

Outline

- Graphic Design, Web Design, Responsive Design
- Designing to a Grid 101
- What is Drupal
- What is a Theme
- Development Environment
 - Command line (Cygwin)

Graphic Design, Web Design, Responsive Design



Think small.

...the time can arrive soon if it finally
the when.
It would all seem logical, like when
the is available at
The year of the year, when it's not
when the get go.
...the year of the year, when it's not
...the year of the year, when it's not
...the year of the year, when it's not



Responsive Design

- Responding to the type and size of the screen
- Forces choices content, design elements, UX
- Small screens favor certain design choices (e.g. Flat Design)
- Designers, Writers, Prepare to lose control

Responsive Design

How does this affect how we design?

1. Goals
2. Functional Spec
3. Rough Sketch
4. Prototype
5. Buildout
6. Design
7. Test & Polish

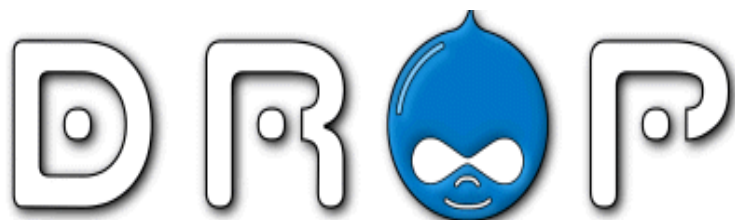
Responsive Design Tools

- Firebug
- Web Developer Toolbar
- responsinator.com
- mattkersley.com/responsive
- browserstack.com

Responsive Design Resources

- abookapart.com/products/mobile-first
- alistapart.com/
- karenmcgrane.com

Drupal 101



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Drupal engine

Project description

Drupal is the English pronunciation for the Dutch word '[druppel](#)' which stands for '[drop](#)'. Drupal is a content management/discussion engine suitable to setup or build a content driven or community driven website. We aim towards easy installation, excessive configuration and fine-grained maintenance capabilities. Due to its modular design Drupal is flexible and easy to adapt or extend. Drupal is written using [PHP](#) and [MySQL](#). The source code is available under terms of GNU General Public License (GPL).

Mission statement

To develop a leading edge open-source content management system that implements the latest thinking in community publishing, knowledge management, and software design. We value flexibility, simplicity, and utility in our product; teamwork, innovation, and openness in our community; and modularity, extensibility and maintainability in our code.

Log in

Username:

Password:

[REGISTER](#)

Chatbox

*** panner has joined the chatbox

What is Drupal

- Content Management System vs. Content Management Framework
- Open Source
 - Code
 - Documentation
 - Resources
 - Support
- Php (see image)
- Core vs Contrib



Working with Drupal

- Drupal.org – **Let's register now**
- IRC Chat → drupal.org/irc (so 80's)
- Local environment
 - drupal.org/setting-up-development-environment
 - WAMP, LAMP or MAMP
 - Quickstart
 - Ubuntu (desktop or wubi)
 - Acquia Dev Desktop

Essential Tools

- Devel Module
- Devel Themer Module
- Git
- Drush
- Firebug

Tools - Git Basics

```
git clone
```

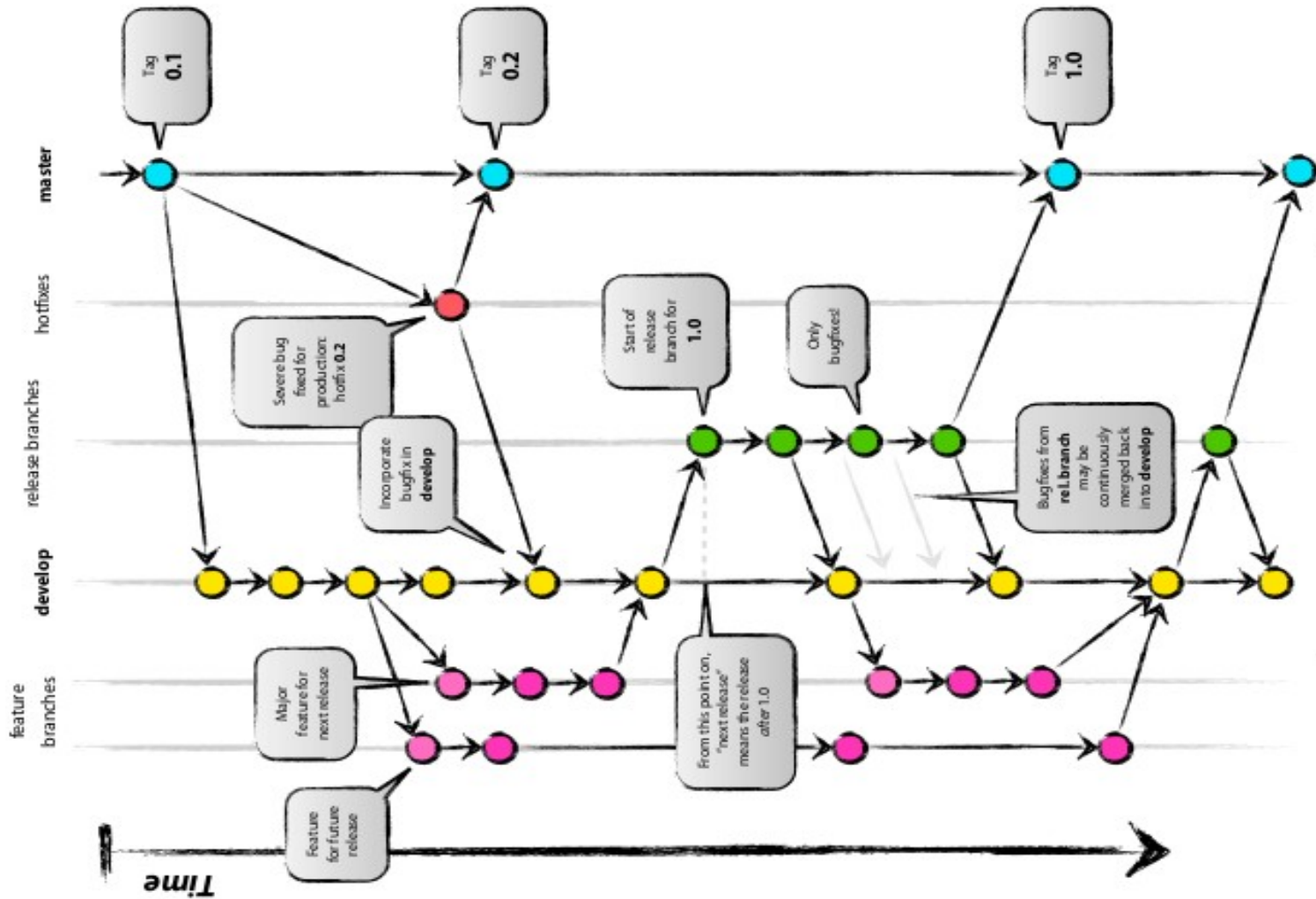
```
git add
```

```
git commit <target> -m"commit message"
```

```
git pull
```

```
git push
```

Tools - Why git?



Tools - Drush Basics

`drush pml` – show installed modules

`drush cc` – clear cache

`drush sql-dump` – pull database into file

`drush uli` – login as another user

`drush en/dis` – enable or disable a module

Getting Drupal

- Download (link to instructions)
 - Create Database
 - Installation
 - Server Configuration
- Acquia Drupal Gardens (url)
- GetPantheon (<http://www.GetPantheon.com/>) **Let's set up an account**
- Install with Drush

Where Things Are

includes

misc

modules

profiles

scripts

sites

- all

 - modules

 - themes

- default

 - files

 - settings.php

themes

index.php

Site Building

- Layout
 - Pages
 - Regions
 - Blocks
- Objects (Entities and Nodes)
 - Content Types
 - Taxonomies
 - Views (Contrib Module until Drupal 8)
- Users
 - Roles
 - Permissions

Theming - What is a Theme

<mytheme>.info

template.php

css/

fonts/

images

js/

templates

Theming – What can be themed

- Site Layout (e.g. template.php, hooks, callbacks)
- Page Layout (e.g. page.tpl.php)
- Node Layout (e.g. node.tpl.php)
- View Display (e.g. views-view.tpl.php)
 - Including rows, fields, etc
- Field Display (e.g. field.tpl.php)

Theming – Layout Organization

Pages

- Regions
- – Blocks

Layout

- – Columns
- – – Rows
- – – – Regions

Theming - STARTER Themes

Grid based

- Skeleton
 - Zurb Foundation DEMO
 - Omega 4
- and more...

Theming – STARTER Themes

Layout based

- Adaptive Theme DEMO?
- Omega
and more...

Theming

Configuration based theming

- Combine with Panels (Page layout)
- Display Suite (Form/Node layout)
- Panelizer (Form/Node layout)
- Page Manager (Layouts that act like pages)

More Information

- Drupal.org
 - drupal.org/documentation
 - api.drupal.org
 - drupal.org/project/Modules
- Training
 - www.sixmiletech.com
 - Lullabot
 - Community
 - IRC
 - Meetups
 - Camps
 - Cons
- Videos
 - tutr.tv
 - GotDrupal.com
 - Lullabot.com
 - drupalize.me
 - nodeone.se
 - mustardseedmedia.com
 - buildamodule.com
 - ostraining.com

Questions?

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Baltimore Drupal Meetup -
2nd Wednesdays

Baltimore / DC Drupal
Co-working

BaltimoreDrupalCamp - Fall
2014

Tomorrow! 10 Steps Note To Forget After Installing Drupal

Yes, slides will be posted on www.snakehill.net/drupalfordesigners