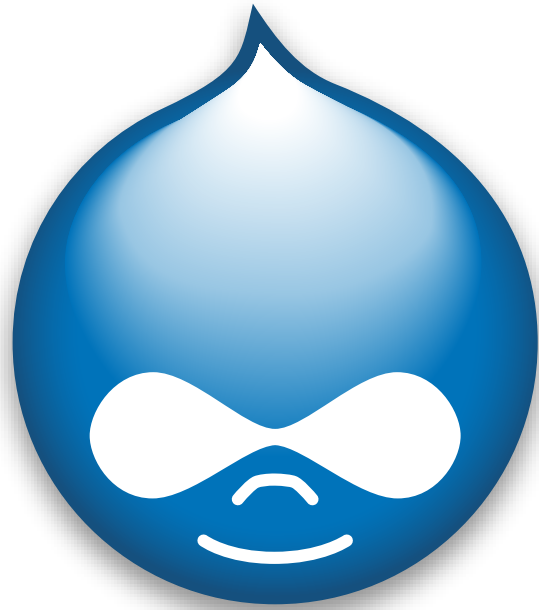




Beginning Git

BADCamp

October 22, 2011



I am

Shawn DeArmond

drupal.org: Shawn DeArmond

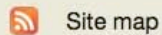
twitter: shawndearmond

<http://dearmond.net>

LEADING EDUCATION policy
analysis for *success* in teaching
and learning for all.



LET'S CONNECT



Site map



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News

**Credential Graduate Wins
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Fellowship**

Jessica Scheimer, who is enrolled in the School's science credential/masters program, received a prestigious [Knowles Science Teaching Fellowship](#) given by the Knowles Science Teaching Foundation.

Events

**Shakespeare Works when
Shakespeare Plays »**

January 13, 2012 - January 15, 2012

**Academic Literacy Summit
2012: »**

February 2, 2012

**Enhancing Children's Lives
through Literature that
Honors Diversity »**

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DeArmond.net

Thoughts, adventures, projects, and photography by Shawn DeArmond

[Home](#) [Blog](#) [Photography](#) [Travel](#) [Contact](#)

Search



DeArmond.net on Drupal 7

DeArmond.net is now on Drupal 7! I'll post more blogs about some of the cool stuff I did to get the site working the way I wanted.

[Read more...](#)



Belize!

This past Summer, I had the privilege of taking a trip to Belize. My father signed up to run [Vacation Bible Schools](#) in Georgeville and San Ignacio, Belize. After which, he was going to do some adventuring on his own and he invited me to come along. I couldn't say no, and I'm certainly glad I went.

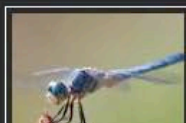
[Read more...](#)



Mesut Hits and Nicole and Susan Block

Sport photography, much like [ballet photography](#), is all about catching the action. Outside in a Davis sunny summer day provides an extra benefit: The light is adequate. In fact, the light is more than adequate. It's downright harsh. That provides its own problems.

[Read more...](#)



Blue Dasher Perched on Flower, Yolo County Fair 2008

This was probably my favorite photo that I entered into the [2008 Yolo County Fair](#). This one was a sure thing; my golden ticket. This one was definitely going to win me a blue ribbon. It's my best category, after all: "Nature, wild".

Topics

fish **butterflies** underwater adventure

nature scuba Sierra Nevada bugs

Kirkwood camouflage dragonflies redwoods

Mac landscape river

[More](#)

Tweets



[shawndearmond](#) New launch of my personal site, [t.co/XL6UkMas](#), on [#drupal 7](#). Note the responsive layout and [#openlayers](#) maps of photos.

4 hours 29 min ago.



[shawndearmond](#) The technology of pop-up books has reached new heights. [t.co/dS7XBt3f](#)

1 day 20 hours ago.



[shawndearmond](#) RT @BADcamp: Using [#Drupal](#) in higher education? Come to the Higher Ed Summit at [#BADCamp](#) [t.co/hUHqWdgu](#) Share with & Learn from o ...

3 days 1 hour ago.



[shawndearmond](#) Steve, you were a modern-day hero to me. Thank you for moving the world forward. You will be

Up and Running

DeArmond.net

Backup \neq Version Control

Background

Controlled

Regular

Only when it makes sense

Everything

Only what you need to

Date (maybe)

Date, comment, user, hash

HAHAHAHA!!

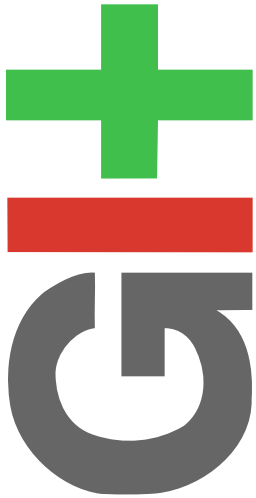
Branching, merging, tagging

Disaster Recovery

Project Management

Version Control Systems

Distributed



Centralized

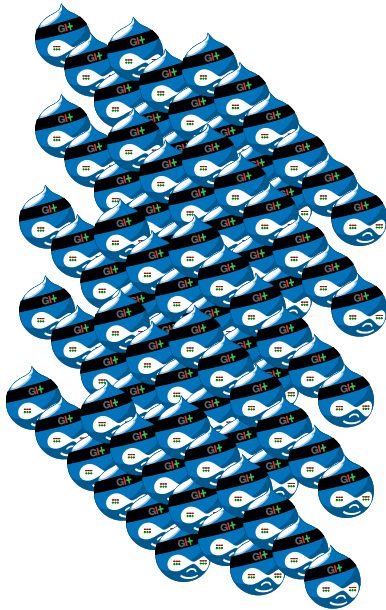




Git for one



Git for a team



Git for Drupal



Git for one

Install Git

<http://help.github.com/>

Set up Git.

```
$ git config --global user.name "Shawn DeArmond"
```

```
$ git config --global user.email "shawn@nottellin.com"
```

```
$ git config --global core.editor vi
```

Make this folder a Git repository

```
$ cd myproject
```

```
$ git init
```

Add files to the repository: one at a time or all at once.

```
$ git add myfile.txt
```

or

```
$ git add .
```

Commit additions to the repository

```
$ git commit
```

...and then leave a comment.



Demo

Edit the file.

```
$ vi myfile.txt
```

Add CHANGED FILES to the repository:
one at a time or all at once.

```
$ git add myfile.txt
```

or

```
$ git add .
```


Commit changes to the repository

```
$ git commit
```

...and then leave a comment.



Demo

Staging

Changes don't
commit unless
they've been added
first.





Oh sure, if you want to do it the EASY way...

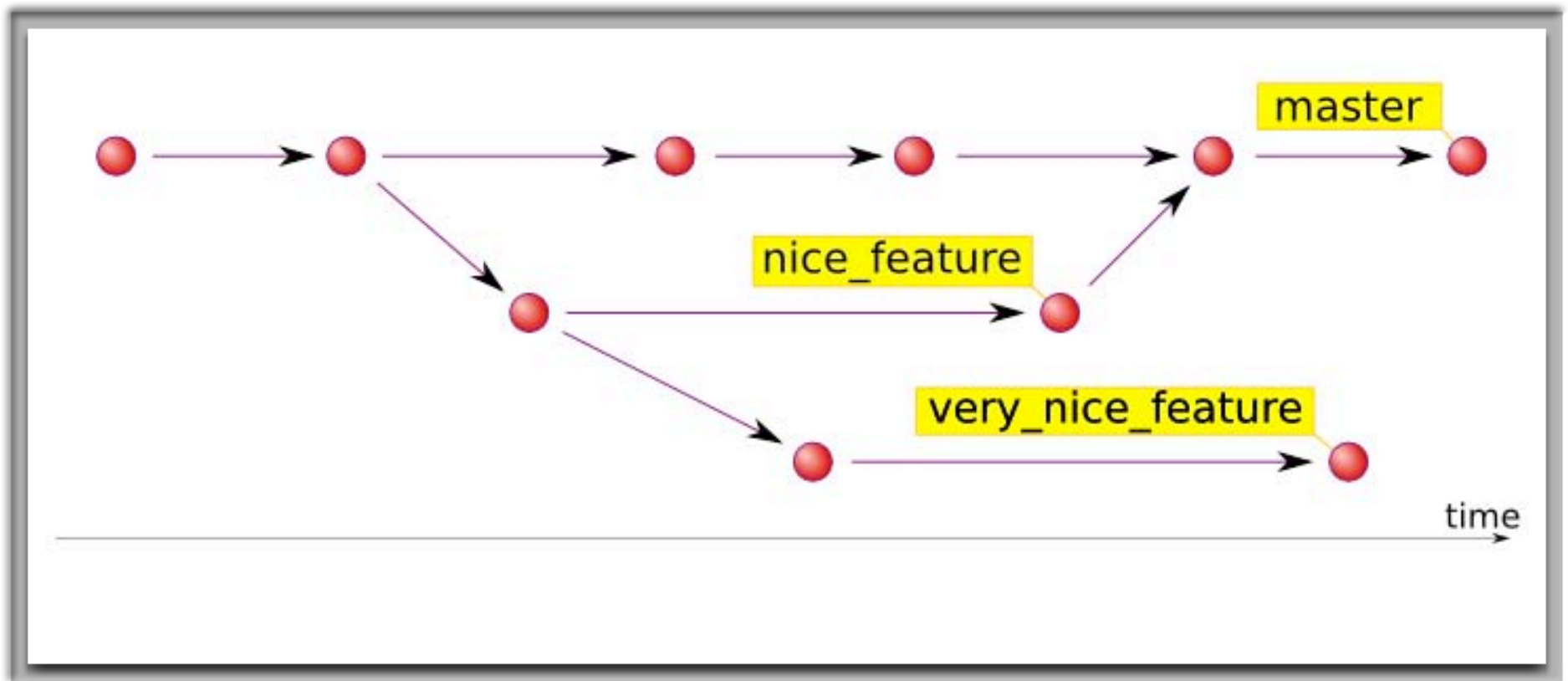
```
$ git commit -am  
    "I made changes."
```

Caveat: NEW files must still be added.

Branching

If it ain't broke, you
can still fix it





Branching

Work on a nice feature, and maybe even a VERY nice feature, while your main line is still good.

Checkout a new branch

```
$ git checkout -b  
    nice_feature
```


Edit the file.

```
$ vi myfile.txt
```

Commit the change

```
$ git commit -am  
  "This is nice."
```

Go back to the “master” branch

```
$ git checkout master
```

Fix a bug in the master branch. Maybe more than one.

```
$ vi myfile.txt
```

```
$ git commit -am
```

```
$ vi myfile.txt
```

```
$ git commit -am
```

Merge the nice_feature branch back into the master

```
$ git checkout master
```

```
$ git merge nice_feature
```

Subject	Author	Date
node_add_error Added a conditional to check for the nid in flag_friend_access_form_alter().	Shawn DeArmond	2011-04-14 16:04
1108880-machine_name Implement hook_formid_form_alter().	Shawn DeArmond	2011-04-14 15:55
Adds hook_form_alter() to disable machine name for friend flag.	Shawn DeArmond	2011-03-28 21:30
access_form access_form_object Works, but uses system variables.	Shawn DeArmond	2011-03-28 20:37
node/%node/edit form logic works now.	Shawn DeArmond	2011-03-27 21:37
Settings are saved on flag_form, but logic isn't quite right for the node/%node/edit form.	Shawn DeArmond	2011-03-27 21:22
Added form fields to flag_form.	Shawn DeArmond	2011-03-27 21:12
7.x-1.x origin/7.x-1.x 7.x-1.0-alpha6 Issue #1105682 by Shawn DeArmond and sirkitree: Place a Deny link next to the Approve link.	Jerad Bitner	2011-03-27 19:56
Issue #1099756 by Shawn DeArmond: creating tests	Jerad Bitner	2011-03-27 17:09
Issue 1105766 by Shawn DeArmond: Another unchecked \$_GET['destination']	Jerad Bitner	2011-03-27 16:14
1099756-create_tests Streamlined the tests by removing duplicates so it doesn't take so long to run.	Shawn DeArmond	2011-03-26 11:13
deny_link-tests Merge branch '1099756-create_tests' into deny_link-tests	Shawn DeArmond	2011-03-25 14:25
1105682-deny_link #1105682 by Shawn DeArmond: Fixed 'Deny' link should be on user page next to 'Approve'.	Shawn DeArmond	2011-03-25 14:24
1105766-destination Merge branch '1099756-create_tests' into 1105766-destination	Shawn DeArmond	2011-03-25 13:56
#1099756 by Shawn DeArmond: Added tests.	Shawn DeArmond	2011-03-25 13:38
#1105766 by Shawn DeArmond: Fixed Another unchecked ['destination'] in flag_friend_unfriend_form().	Shawn DeArmond	2011-03-25 13:54
7.x-1.0-alpha5 Issue #1099768 by Shawn DeArmond: destination might not always be available when rendering the message form.	Jerad Bitner	2011-03-25 13:11
Issue #1101496 by careernerd and Shawn DeArmond: multiple fixes for the views handler, status determination, permissions related to the...	Jerad Bitner	2011-03-25 13:03
1099768-no_destination Added logic to look for destination in flag_friend_unfriend_form().	Shawn DeArmond	2011-03-25 13:22
#1099768 by Shawn DeArmond: Fixed ['destination'] may not be set in flag_friend_message_form().	Shawn DeArmond	2011-03-20 23:15
multifix-tests Rewrote tests. Split out Views tests into a separate test.	Shawn DeArmond	2011-03-25 13:18
Added the .test file.	Shawn DeArmond	2011-03-25 11:19
1101496-multifix #1101496 by careernerd, Shawn DeArmond: Fixed Multiple fixes in 7.x branch: Views handler_argument_numeric, flag_frien...	Shawn DeArmond	2011-03-25 10:59
tests Start adding tests.	Shawn DeArmond	2011-03-20 22:56
7.x-1.0-alpha4 Issue #1098778 by sirkitree: fixing friend status determination	Jerad Bitner	2011-03-20 18:26
removing old hook_user implementation	Jerad Bitner	2011-03-20 18:11
7.x-1.0-alpha3 Issue #1012296 by sirkitree: fixing add_where() to use add_where_expression() in views handler	Jerad Bitner	2011-03-18 13:21
7.x-1.0-alpha2 Issue #1006040 by Shawn DeArmond: fixing submission warning	Jerad Bitner	2011-03-18 08:05

SHA: 8609c5ecf9476359d4506ea491c7b0194c1a5dd4
Author: Shawn DeArmond <code@dearmond.net>
Date: Thu Apr 14 2011 16:04:04 GMT-0700 (PDT)
Subject: Added a conditional to check for the nid in flag_friend_access_form_alter().
Refs: node_add_error
Parent: 64edf2735e98acb6fa0e48086ff30a80ebfaa088

GUIs help too

See all commits and branches all at once



Demo



Git for a team

Connect to a hosted Git repository

```
$ git clone
```

or

```
$ git remote add origin
```

```
$ git push origin master
```

Make changes to files and commit them

```
$ vi myfile.txt
```

```
$ git commit -am
```

```
$ vi myfile.txt
```

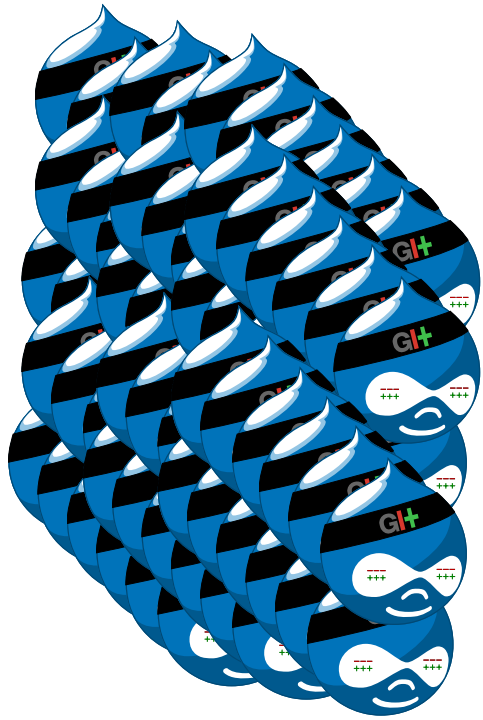
```
$ git commit -am
```

Push them up to the hosted repository

```
$ git push
```



Demo



Git for Drupal

Drupal Git Documentation

<http://drupal.org/documentation/git>

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Media

[View](#) [Version control](#)

Posted by [aaron](#) on March 23, 2005 at 7:39am

Status

- **Drupal 7 Media Sprint!**
- 1.0-rc1 has landed! This is the recommended version for most people. No new features will be added to 1.x, only critical bug fixes. Non-critical bug fixes that don't break backwards-compatibility will also be considered.
- The 2.0 release will focus on new feature development and has already progressed well. See [this for information on the 2.x branch](#).
- Want to help? Please participate in the [issue queue](#), in the [Media group](#), or in the [#drupal-media IRC channel](#).

What is Media?

The Media module provides an extensible framework for managing files and multimedia assets, regardless of whether they are hosted on your own site or a 3rd party site – it is commonly referred to as a 'file browser to the internet'. It replaces the Drupal core upload field with a unified User Interface where editors and administrators can upload, manage, and reuse files and

Maintainers

[Dave Reid](#) – 62
last: 5 days ago

[arthurf](#) – 77 co
last: 1 week ago

[effulgentsia](#) – 1
last: 1 week ago

[becw](#) – 10 com
last: 2 weeks ago

[JacobSingh](#) – 2
last: 2 weeks ago

[View all commi](#)

[View commits](#)

Issues for

To avoid duplic

Every project has more docs

Media

[View](#)[Version control](#)

This page gives the essential Git commands for working with this project's source files.

Version to work from: * [Show](#)

Update Notice: See [Git instructions updates](#) for a record of updates to these instructions.
Last updated: May 12, 2011

One-Time Only

Setting up repository for the first time

```
git clone --branch 7.x-2.x http://git.drupal.org/project/media.git
cd media
```

Not working for you? See [Troubleshooting Git clone](#).

Routinely

The headings below are not sequential. What you choose to do depends on where you are in your process.

Checking your repository status

To see what you will commit by running `git commit` and what you could commit by running `git add` before running `git commit`.

```
git status
```

Switching to a different branch

Maintainers for Media

[Dave Reid](#) – 62 commits
last: 5 days ago, first: 12 weeks ago

[arthurf](#) – 77 commits
last: 1 week ago, first: 2 years ago

[effulgentsia](#) – 106 commits
last: 1 week ago, first: 1 year ago

[becw](#) – 10 commits
last: 2 weeks ago, first: 31 weeks ago

[JacobSingh](#) – 266 commits
last: 2 weeks ago, first: 1 year ago

[View all committers](#)

[View commits](#)

Issues for Media

To avoid duplicates, please
submitting a new issue.

[Advanced search](#)

All issues
246 open, 789 total

Bug reports
96 open, 389 total

[Subscribe via e-mail](#)
Oldest open issue: 14 Jun 0

Grab the project

--branch 7.x-2.x

```
$ git clone http://git.drupal.org/  
project/media.git
```

Create a new issue branch

```
$ git checkout -b this_bug
```

Apply a patch

```
$ git apply patchname.patch
```

Edit the file.

```
$ vi media.module
```

Commit the change

```
$ git commit -am "This works."
```

Make a patch file

```
$ git diff 7.x-2.x >  
[description]-[issue-number]-  
[comment-number].patch
```



Demo

