

### Ecosystem

# Contributing Without Code

Presented by Mark Ferree

# About Me

Mark Ferree

drupal.org/user/76245 (mrf)

twitter.com/mrf



ISL Consulting

mark(at)islco.com



# Drupal Is Hard



# Learning Drupal Can Be Really Hard

http://www.flickr.com/photos/alpiniste/4875610593



# But it Doesn't Have to Be

http://www.flickr.com/photos/rxmflickr/4358918644

# Getting Involved

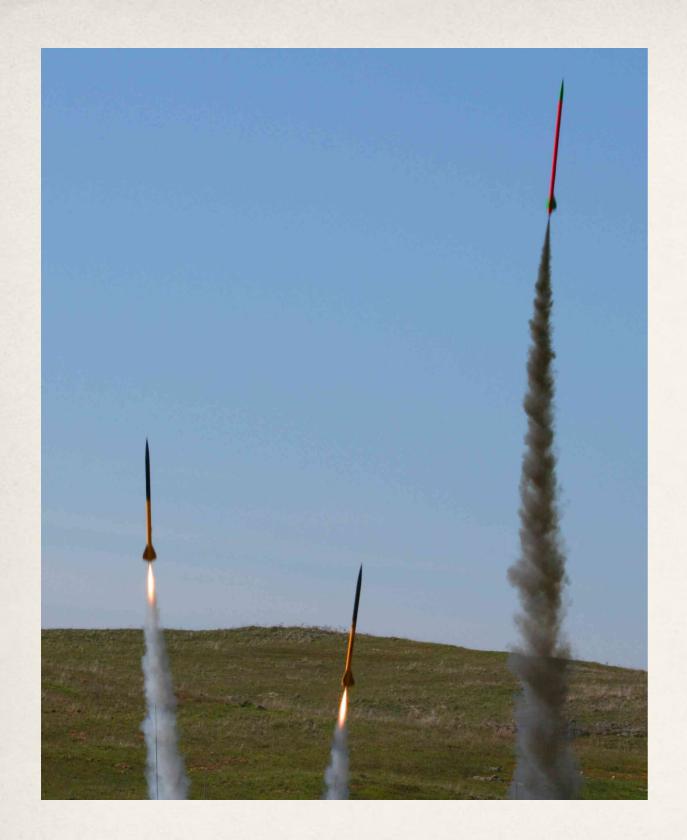
Helps you teach yourself

Helps the next person still at the bottom of the cliff

# Before You Start

One thing to remember:

# Be Positive



# Positive energy is rocket fuel for Drupal

http://www.flickr.com/photos/erikcharlton/410939714

# Where Do I Start?

Come to events like this

Meet people from the community

Sign up for a drupal.org account

# Drupal

### Come for the software, stay for the community

Drupal is an open source content management platform powering millions of websites and applications. It's built, used, and supported by an active and diverse community of people around the world.

# Search Drupal.org



Search

About

#### Refine your search

- All
- Modules
- Themes
- Documentation
- Forums & Issues
- Groups

Drupal Homepage

Login / Register

### Why Choose Drupal?

Use Drupal to build everything from personal blogs to enterprise applications. Thousands of add-on modules and designs let you build any site you can imagine.

Drupal is free, flexible, robust and constantly being improved by hundreds of thousands of passionate people from all over the world. Join us!

Get Started with Drupal

### Sites Made with Drupal

Community & Support

Get Started



#### IT Dashboard

Drupal is used by some of the biggest sites on the Web, like The Economist, Examiner.com and The White House. Read more Drupal success stories.

### Develop with Drupal

10,531 Modules This week
1,162 Themes 2,832 Code commits
9,284 Developers 7,506 Issue comments

Drupal Core Security Info Developer Docs API Docs

#### **Visit Planet Drupal**

News and tips and from across the globe.

# Drupai

# http://drupal.org/user/register

Q Search Drupal.org

Search

Drupal Homepage

Login / Register

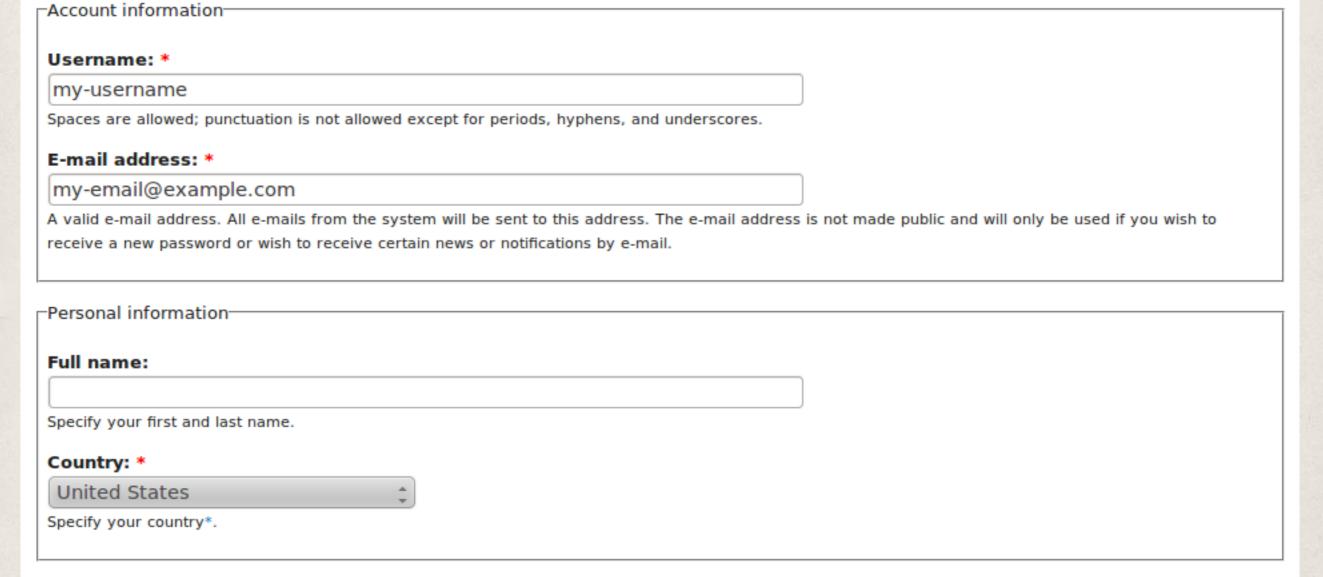
Refine your search ▼

### User account

Create new account

Log in Request new password

Please note: All user accounts are for individuals. Accounts created for more than one user or those using anonymous mail services will be blocked when discovered.



Create new account

# Drupal

### Come for the software, stay for the community

Drupal is an open source content management platform powering millions of websites and applications. It's built, used, and supported by an active and diverse community of people around the world.

### Search Drupal.org

Search

Refine your search

All

- Documentation
- Modules
- Forums & Issues
- Themes

View Pendin

Groups

Drupal Homepage

Login / Register



bl

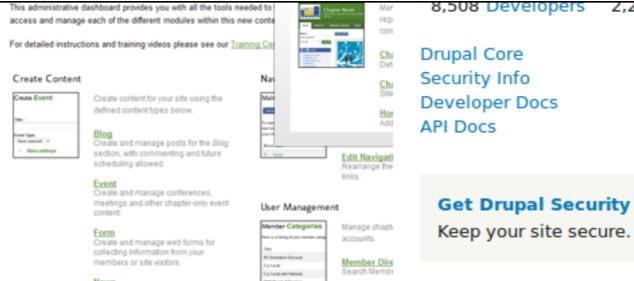
Your password and further instructions have been sent to your e-mail address.

Your password and further instructions have been sent to your e-mail address.

add-on modules and designs let you build any site you can imagine.

Drupal is free, flexible, robust and constantly being improved by hundreds of thousands of passionate people from all over the world. Join us!

Get Started with Drupal



Create and manage news related

**Developer Docs** 

**Get Drupal Security Announcements** 

2,299 Issue comments

# But... I Don't Know How to Code!

# Don't worry

# Issues for Drupal core

To avoid duplicates, please search before submitting a new issue.

### Search

Advanced search

All issues

9980 open, 38167 total

Bug reports

4992 open, 21721 total

Subscribe via e-mail Issue statistics

Oldest open issue: 28 Feb 02

# There is plenty of work to go around

# Where Can I Help?

Advocacy

Support

Design

Testing

Documentation

**Translation** 

Project Management

# Advocacy

Join a group near you

Tell outsiders what you think

Introduce new people to Drupal



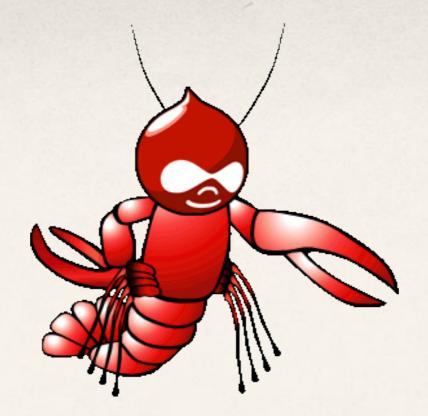
# Design

Collateral (events, brochures, materials)

Expertise (usability, ui, interaction)

**Themes** 















# http://groups.drupal.org/prairie-initiative



Jobs

Groups

Events

Log out

Search

#### Prairie Initiative

**Home** 

**Timeline** 

Overview

#### Our goals

- 1. Improve the collaboration tools on Drupal.org so that we can do more and better work together and make Drupal better, faster.
- 2. Grow the pool of contributors by making Drupal.org a better and easier place to become a contributor to make it less intimidating to people who want to get started contributing.

#### The Prairie Initiative is a Social Architecture Project for Drupal.org

Emerged from 'Redesign the Issue Queue' core conversation at Drupalcon Chicago.

#### Project's scope

Irc channel: #drupal-usability

Project leader: Leisa Reichelt

Codename "Prairie" comes from Prairie School in architecture.

#### Actively in work

- · Redesign d.o profile including reputation & expertise
- Creating Topic Pages
- Redesigning the Issue Page

#### Next on to-do list

- Improving the project/module page
- Improving notifications (subscriptions, dashboard, email and other notifications)
- Better Tools for Large Initiatives
- Supporting Sponsorship for **Drupal Contribution**

#### Participate right now!

Take part in our survey.

#### Hot discussions

- Tracking community health via metrics
- Low Hanging Fruit
- Drupal.org Content Overview
- Success Metrics and Survey
- Separate dev.drupal.org

#### **Prairie Initiative**

- Create Poll
- Create Event
- Create Job
- Create Discussion
- Create Wiki page
- Invite friend
- 175 members
- My membership

#### **Group organizers**

Organizers for this group

- rfay
- tvn
- leisareichelt

#### Group categories

#### Prairie tags

- hot discussion (5)
- low-priority (4)
- top-priority (3)

#### **Prairie Initiative**

#### **Enter keywords:**

Search is automatically restricted to posts in this group.

Search

#### Recent content

- Contributing Code for Prairie Initiative the technical side
- Module development guidelines and checklists

#### New groups

- Google+
- Coworking

# http://drupal.org/project/themes

Marketplace

# Drupal

Q Search Drupal.org

Search

**Drupal Homepage** 

Your Dashboard

Logged in as mrf Logout

Refine your search ▼

#### Download & Extend

Download & Extend Home Drupal Core	Modules	Inemes	Iranslations	Installation
873 Themes match your search				
Filter by compatibility: - Any - 💠				
Status: Full projects				
Search Themes:				
Sort by: Most installed ‡				
Search				

Themes allow you to change the look and feel of your Drupal site. You can use themes contributed by others or create your own to share with the community. Contributed themes are not part of any official release and may not have optimized code/functionality for your purposes. You can also create a sub-theme of an existing theme. A sub-theme inherits a parent theme's resources. Read more about Sub-theme structure and inheritance. You can also view a full index of themes listing only their titles.

#### Zen

Posted by JohnAlbin on October 10, 2006 at 5:24pm Last changed: 18 weeks 3 days ago

Zen is the ultimate starting theme for Drupal. If you are building your own standards-compliant theme, you will find it much easier to start with Zen than to start with Garland or Bluemarine. This theme has fantastic online documentation and tons of code comments for both the PHP (template.php) and HTML (page.tpl.php, node.tpl.php).



### **Drupal Themes**

Theme guide v6 Theme guide v5 Troubleshooting themes IRC Channel, #drupal-themes on freenode.

Mailing list, sign up here.

More advanced themes are table-less, a good example of this is the core Garland theme or the Tapestry theme. For creating custom themes, the Zen theme provides a good starting point.

#### Most Installed

Zen

Fusion

Acquia Marina

Marinelli

More Most installed

#### **New Themes**

PRU8

garlandish

BI3-4

The Coding Designer's Survival Kit

# Documentation

Drupal.org

Blog, video, screencast

Q Search Drupal.org

Search

About

**Drupal Homepage** 

Your Dashboard

Logged in as mrf Logout

Refine your search ▼

#### Documentation

Docs Home

API

Recently Updated

### User Relationships





Revisions

Drupal version: Drupal 5.x, Drupal 6.x

Last modified: May 16, 2011

The User Relationships module allows users to create named relationships between each other.

Relationship types are defined by an administrator at: Administer > User Management > Relationships

Relationship types have a name, a plural name, a timeout, an auto approve designation and a directionality. The name can be anything. The timeout is the amount of time a request stays active. For example, if it's set to 30 days and a user requests a relationship with another user and that user doesn't accept or deny the request within 30 days the request will be dropped.

If auto approve is set, the system skips the request->approve/deny process and simply creates the relationship. An application of this might be the relationship type "subscriber." You don't necessarily need to approve of me subscribing to you.

There are only two types of directionality: two-way and one-way. An example of a two-way relationship may be "friends." If you're my friend I'm your friend. One-way relationships may be something like "manager," "follower," "stalker." You may be my manager, but I'm not yours. You have the option to allow a one way relationship to be reciprocated, but this is not enabled by default.

A user can request a relationship by visiting another user's profile and clicking the request relationship link. They can view a list of all their relationships, specific types of relationships or their pending relationship requests by visiting their own profile. Within "pending

### Site Building Guide

- Contributed modules
- Best practices
- Site builder's toolkit
- Access Control
- Actions, Triggers, and Workflow
- Commerce and Advertising
- Connecting to other Sites, Systems, and Data
- Content Display Modules
- Content Modules
- Content Recommendation
- Dates and Events
- Distributions
- Documentation tools
- E-Mail and Messaging
- Forms
- Geographic Information
- Input formats
- Media and Files
- Search
- Search Engine Optimization
- Carial Makesaddan and Callabanation

### User Relationships

View

Edit

Revisions



We need your contributions to grow and improve! See the **Documentation** contribution guidelines for ways you can help.

#### Title: \*

User Relationships

Vocabularies

#### **Drupal version:**

- None -

Drupal 4.5.x or older

Drupal 4.6.x

Drupal 4.7.x

Drupal 5.x

Drupal 6.x

Drupal 7.x Drupal 8.x

Choose the Drupal version(s) which best applies to your post.

#### Audience:

- None -

Developers and coders Documentation contributors

Site administrators

Site users

Themers

Intended reader type.

#### Page status:

- None selected -

Please help by indicating the most appropriate status of this page.

#### Body: \*

Split summary at cursor

The <a href="http://drupal.org/project/user\_relationships"> User Relationships module</a> allows users to create named relationships between each other.

#### Site Building Guide

- Contributed modules
- Best practices
- · Site builder's toolkit
- Access Control
- Actions, Triggers, and Workflow
- Commerce and Advertising
- Connecting to other Sites, Systems, and Data
- Content Display Modules
- Content Modules
- Content Recommendation
- Dates and Events
- Distributions
- Documentation tools
- E-Mail and Messaging
- Forms
- Geographic Information
- Input formats
- Media and Files
- Search
- Search Engine Optimization
- ▼ Social Networking and Collaboration
  - Community building and social networking modules
    - Activity
    - Advanced Forum
    - Advanced Profile Kit
    - Application Toolbar (Appbar)
    - Artesian Forum
    - Author Pane
    - Buddylist2 Package
    - Buddylist: list your social network
    - CiviCRM: manage community contacts,

# Project Management

Issue Wrangling

Find duplicates, create summaries, get issues organized

### User Relationships



Version control Revisions

Posted by alex.k on August 15, 2007 at 1:38p

Admins create relationship types (friend, cone-way or mutual. If a relationship type is as relating to the requestee. Relationship tapproval.

Admins can give users the option to auto a basis.

Also bundled with the core relationships m related:

- User Relationship Mailer will (condit relationship creation/removal/approval
- User Relationship Defaults creates (think Tom on MySpace).
- User Relationship Implications allo (Manager implies Coworker) that are a relationship is created and removed ac
- 4. User Relationship Blocks blocks tha
- User Relationship Invites requires the relationship to a user that they invite the
- User Relationship Views integration and fields.
- User Relationship Privatemsg integrelationships in the quick select list.
- 8. User Relationship Migrate allows ac
- User Relationship Elaborations lets request to another user.
- User Relationship Node Access lets relationships
- 11. User Relationship Services exposes
- User Relationship Rules allows trigg approved, etc.

# Issues for User Relationships

To avoid duplicates, please search before submitting a new issue.

Search

Advanced search

All issues 259 open, 1042 total

Bug reports 73 open, 378 total

Subscribe via e-mail Oldest open issue: 11 Oct 07

#### Recent issues

Post to Social Network deny access to all new

Can only add relationships with people NOT in a users Organic Group new

Can the "can have relationships" permission be restricted to role AND allow a default relationship for everyone? updated

Hide "All" tab from /relationships page.. updated

lots warning message after upgrade to the latest rc5 version updated

### laintainers for User lelationships

erdir - 43 commits

st: 2 weeks ago, first: 24 weeks ago

ex.k - 185 commits

st: 27 weeks ago, first: 2 years ago

ew all committers ew commits

### ssues for User lelationships

avoid duplicates, please search before abmitting a new issue.

#### Search

dvanced search

II issues

59 open, 1042 total

ug reports

3 open, 378 total

ubscribe via e-mail sue statistics

ldest open issue: 11 Oct 07

#### lecent issues

ost to Social Network deny access to all

nev

Can only add relationships with people NOT in a users Organic Group new

Can the "can have relationships"

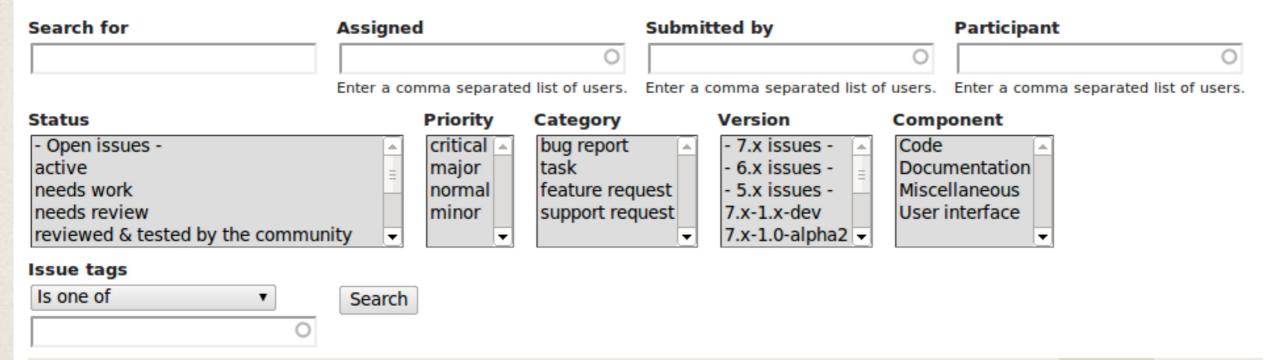
#### Status:

**Drupal 7:** Being ported from 6.x and improved.

#### **User Relationships**

# Search issues for User Relationships

Login or register to create an issue Advanced search



Summary	Status	Priority	Category	Version	Component	Replies	Last updated	Assigned to
Post to Social Network deny access to all	needs review	critical	bug reports	6.x-1.0	Code	9	1 day 48 min	psy11
Can only add relationships with people NOT in a users Organic Group	active	normal	bug reports	7.x-1.x- dev	Code	0	4 days 18 hours	
user Relationships views!!	closed (fixed)	normal	support requests	6.x-1.0- rc6	Miscellaneous	2	5 days 21 min	metodome
user relationship	closed (fixed)	critical	support requests	6.x-1.0	User interface	2	5 days 31 min	
Conditional Default Relationships	closed (fixed)	normal	support requests	7.x-1.x- dev	User interface	3	5 days 31 min	
Recreate Relationships manager in Views?	closed (fixed)	normal	support requests	6.x-1.0- rc6	User interface	2	5 days 41 min	
Restricting access to profile fields to users with relationship	closed (won't fix)	normal	support requests	5.x-2.8	Code	19	5 days 8 hours	

#### User Relationships » Issues

## user Relationships views!!

Posted by metodome on June 9, 2011 at 12:13pm

Project: User Relationships

Version: 6.x-1.0-rc6
Component: Miscellaneous
Category: support request

Priority: normal Assigned: metodome Status: closed (fixed)

### Jump to:

Most recent comment

#### Description

Hello...

I've created a relationship called "friends" and each users can upload photos but only "friends" may see the photos, i was trying to use the views but i can't find the right way to do it

#### example:

[User1] [User2] [User3]

[User1] is friends with [User2] but not with [User3] so [User2] can see [User1]'s photos while [User3] can't!! and in the same time [user1] can see [User2]'s photos

hope its clear enough for u to help me ;)

Login or register to post comments

#### Comments

#1

Posted by mrf on June 16, 2011 at 4:56pm

```
Status: active » fixed
```

Are photos their own content type, or are they attached to other content? If they are their own content type you can use the ur node access module, and views should honor whatever settings you have on the content type.

Login or register to post comments

# Support

Forums

Issue Queues

IRC

Real Life

## Community & Support

# http://drupal.org/forum

Community Home Getting Involved Chat Mailing Lists Member Directory Forum Groups & Meetups

#### Post new Forum topic

Forum	Topics	Posts	Last post			
★ Support						
Try searching the site or a specific project's bug reports first. Remember all support on this site is on a volunteer basis, so please visit the forum tips for posting hints.						
Post installation Drupal is up and running but how do I?	130098 1795 new	465627	4 min 7 sec ago by webcomm			
Before you start Is Drupal a viable solution for my website? Please see the documentation Getting Started before posting.	5953 53 new	25074	4 hours 54 min ago by mradcliffe			
Installing Drupal Installing Drupal? Please see the documentation in the handbook and the video resources for Drupal 5 and Drupal 6 for additional installation resources.	13316 74 new	56601	20 min 22 sec ago by sh3ll3y			
Upgrading Drupal Questions regarding upgrading an existing Drupal site. Don't forget to read the UPGRADE.txt that comes with evey Drupal download.	4953 55 new	19623	13 hours 27 min ago by couturier			
Converting to Drupal Need help migrating your site to Drupal?	2454 22 new	9381	8 hours 14 min ago by Willem-Jan			
Module Development and Code Questions This forum is for module development and code related questions, not general module support. For general support, use the post installation forum.	29587 337 new	101173	22 min 55 sec ago by benjamin.patch			
Theme development For assistance with theme development.	18707 233 new	70067	41 min 4 sec ago by _isos			
- Translations	1526	4040	0 hours 20 min 200			

### New forum topics

can't get clean URLs to work on Ubuntu

How to add class in cck field (imagefield)?

Render a CCK field array outside of normal Drupal node view URL

Required Registration and Downloadable PDF's

Possiblle to show users based on SiGMa?

How can a site member download all his data

Change Content Template Variable?

How to solve this menu issue

Mysterious error message after updates

I cannot access my test website after Fedora 11 froze - now get error "Your system had a kernel failure" after login

Experienced Drupal Themer Wanted --Chicago

Experienced Drupal Developer Wanted --Chicago

Drupal performance problem, loading big file in every startup.

Grid of Categories

How do I add a custom menu to my theme?

Why CCK with new taxonomy

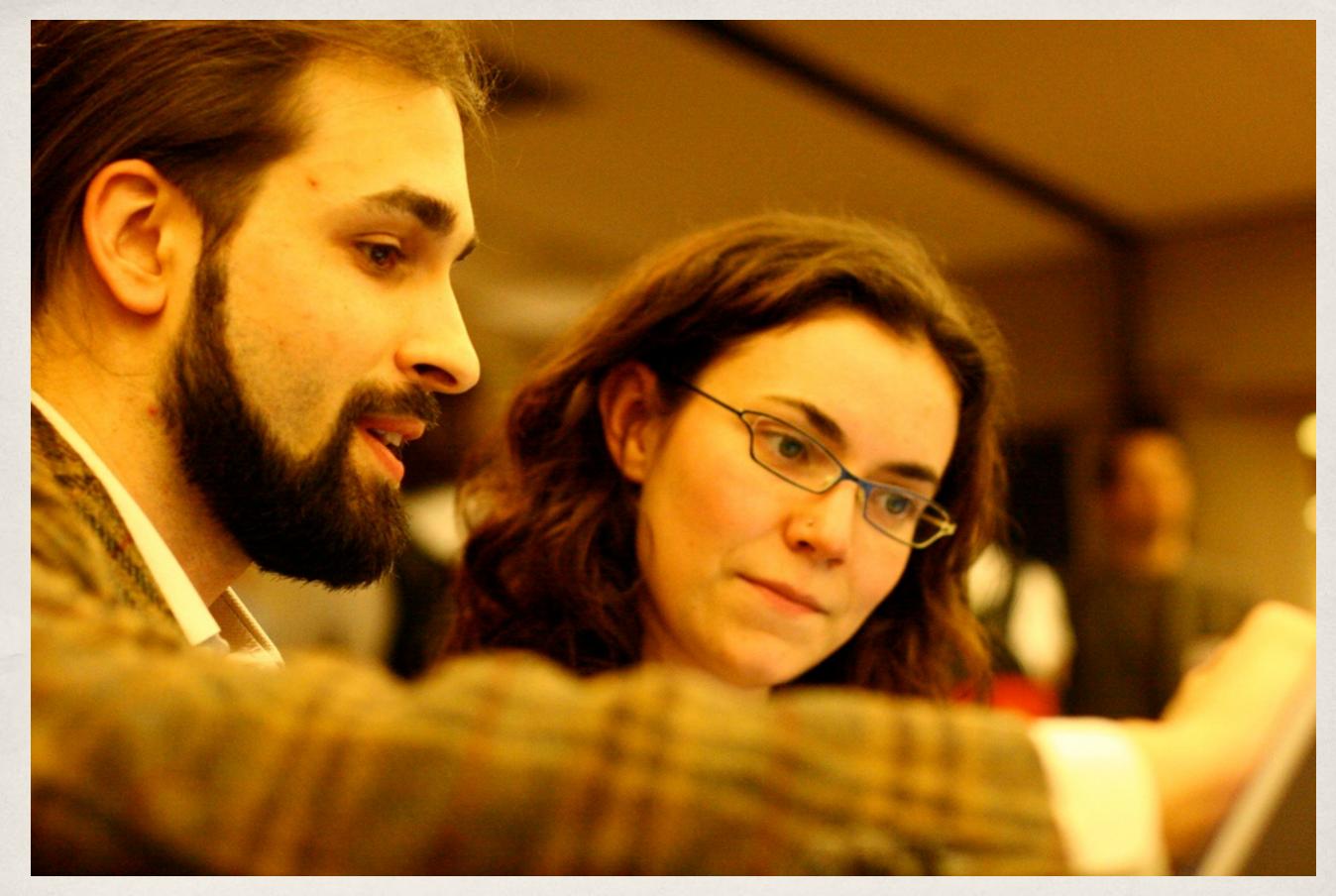
Creating a complex (?) content type

Installation

User First name Last name

# NChat: mrf @ FreeNode / #drupal-contribute (+CCT http://drupal.org/irc

▼ ISLCo	git. Git quick t	tips: http://gitready <del>.com/   aic accpcr knowleage. http://progic.org/pook/   r o</del> r Git/Drupal help see #drupal-gitsup	ort	0 ops, 234 total
#islco	[10:27]	* ambisoft has quit (Quit: ambisoft)		aaronwinborn
▼ freenode	[10:27]	* ptrl has quit (Client Quit)		abaddon
#drupal	[10:27]	pwolanin webchick: ok, well that's probably more important		agentrickard
#drupal-bayarea	[10:27]	* jn2 (~chatzilla@adsl-75-54-84-79.dsl.austtx.sbcglobal.net) has joined		aidan
#drupal-contribute	[10.27]	#drupal-contribute		Albright
#drupal-docs	[10.20]			ana ogue
#drupal-support	[10:28]	* sreynen has quit (Remote host closed the connection)		andyhawks
	[10:29]	webchick Druplicon: tell hejrocker Crap. I thought from your email last night that we weren't		arcaneadam
		going to stress about our call today, so I took the extra hour of sleep. Really sorry. :(		arithmetric
	[10:29]	Druplicon webchick: I'll pass that on when hejrocker is around.		Artusamak
	[10:29]	* sreynen (~Adium@c-71-229-197-112.hsd1.co.comcast.net) has joined		ashedryden asrob
		#drupal-contribute		awolfey
	[10:29]	* ericduran (~ericduran@173-203-243-241.static.cloud-ips.com) has joined		b0x
		#drupal-contribute		Bdragon
	[10:30]	* sepehr has quit (Ping timeout: 258 seconds)		becw
	[10:31]	* hansyg (~hans@pool-96-246-7-84.nycmny.east.verizon.net) has joined		beeradb
		#drupal-contribute		bellesmanieres
	[10:31]	* nco71 (~nco71@218-168-222-46.dynamic.hinet.net) has joined #drupal-contribute		bleen
	[10:32]	chx webchick: so which issue you mentioned needed a review?		Bojhan
	[10:32]	webchick chx: http://drupal.org/node/953336		brianV
	[10:32]	Druplicon http://drupal.org/node/953336 => Contrib modules are not able to test		BrockBoland
	[10.52]	theme-related functionality => Drupal core, base system, major, reviewed & tested		bschilt
				BTMash
	[10 22]	by the community, 60 comments, 8 IRC mentions		cafuego
	[10:32]	* rickvug has quit (Remote host closed the connection)		Captain_Intern
	[10:33]	webchick I also sent that, and a few others, to Dries via email so hopefully he can get to that		captnemofulcrum
		this week.		caseysoftware catch
	[10:33]	* timcosgrove-zzz is now known as timcosgrove		chia
				chillin411
	m s E	I		Chinzz
	mrf			THE PLANTAGE OF STREET



http://www.flickr.com/photos/raincitystudios/97062108

# Testing

Get yourself set up to test

Explain your results well

Learn to apply patches

# http://network.acquia.com/downloads





Sites Services Settings Subscription

### **Downloads**

Acquia Drupal 6.x

Acquia Drupal 7.x

Acquia Drupal is a free, packaged Drupal distribution that provides a quick on-ramp to begin building Drupal websites. Learn more about Acquia Drupal.

### Acquia Drupal 1.2.37 (Drupal 6.22 core)

Dev Desktop for Windows	
Dev Desktop for Mac OS X	
Ubuntu/Debian .deb package	
Acquia Drupal full install (.tar.gz)	
Acquia Drupal full install (.zip)	
Acquia Drupal upgrade (.tar.gz)	
Acquia Drupal upgrade (.zip)	
Microsoft Web Platform Installer	



Acquia Dev Desktop for Mac installs and configures all the software you need to build a Drupal web site on your Intel Mac running OS 10.5 or 10.6. This "DAMP" stack installer includes Acquia Drupal, Apache, MySQL and PHP. Learn more

Latest release: June 16, 2011

Subversion (SVN) Repository

Keep me up to date with the latest information on products, services, and special events.

email address (optional)

Download Now

Dev Desktop Guide

View historical releases

View release notes

Installer revision 28012

### User Relationships

# http://drupal.org/node/167682/git-instructions

## User Relationships

View

Version control

Revisions

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

Version to work from: \* 7.x-1.x ^

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-1.x http://git.drupal.org/project/user relationships.git cd user relationships

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 User Relationships

Berdir - 43 commits

last: 2 weeks ago, first: 24 weeks ago

alex.k - 185 commits

last: 27 weeks ago, first: 2 years ago

View all committers View commits

## Issues for User Relationships

To avoid duplicates, please search before submitting a new issue.

Search

Advanced search

All issues

259 open, 1042 total

Bug reports

73 open, 378 total

Subscribe via e-mail Issue statistics

Oldest open issue: 11 Oct 07

# Translation

localize.drupal.org

Fix existing translations

Provide new translations

# http://localize.drupal.org

### Drupal translations

Welcome to Drupal project translations! This service is used by translators from around the world to maintain localizations of all projects on drupal.org. Just pick your language and you'll be able to download existing work and contribute to the translations.

Install Drupal localized with translations from here using Localized Drupal. You can also set it up to contribute to these translations right from your Drupal site! For already installed sites, use the Localization update module to download the right translation files for the right projects you use.

Read more about how localize.drupal.org works and how can you contribute in the drupal.org handbooks.

Language	Drupal core progress	Contributors
Afrikaans		6
Albanian		2
Amharic		1
Arabic		22
Armenian		0
Asturian		2
Bahasa Malaysia		9
Basque		15
Belarusian		1
Bengali		6
Bosnian		6
Bulgarian		9

# Quick navigation Your group: Haitian Creole team Pick a language: Haitian Creole Alternatively you can explore languages. And/or pick a project: Alternatively you can explore projects. Go there Quick statistics 96 translation groups 3205 contributors 6337 projects managed 22726 releases parsed (624 in queue) 421185 files scanned 284542 strings to translate 757375 translations recorded 251868 suggestions awaiting approval Translation news Google Summer of Code to invest in improving localize.drupal.org

T. - M --- 2 2011

# Benefits

A greater understanding of Drupal.

Build a network of people wanting to help you with your own issues.

Enjoy using Drupal instead of fighting with it.



Grab a Shovel

http://www.flickr.com/photos/markscott/118633416

# Additional Resources

#### General

Community Initiatives - <a href="http://drupal.org/community-initiatives">http://drupal.org/community-initiatives</a>

Getting Involved - http://drupal.org/getting-involved

#### **Advocacy**

Http://groups.drupal.org

Local Events - http://groups.drupal.org/events

#### Design

Http://drupal.org/project/themes

Prairie Initiative - http://groups.drupal.org/prairie-initiative

#### **Documentation**

http://drupal.org/contribute/documentation

#### **Project Management**

Issue queue - http://www.lullabot.com/articles/how-solve-all-your-problems

Views Bug squad - http://drupal.org/node/945414

#### Support

http://drupal.org/community

#### **Testing**

Git - http://drupal.org/documentation/git

http://network.acquia.com/downloads

#### **Translation**

http://localize.drupal.org

# What did you think?

Locate this session on the DrupalCon London website:

http://london2011.drupal.org/conference/schedule



THANK YOU!

