Building Online Communities with Drupal

Organic Groups for Drupal 7

ANDREW BERRY * BADCAMP NOVEMBER 2012

OH HAI

The Net as a Social Incubator

http://www.flickr.com/photos/graibeard/4133412468/sizes/o/in/photostream/

Email and Usenet

- Email has mostly supplanted usenet for email-like discussions
- “Advanced” or “Rich” features
- The key component that Usenet introduced - groups and categories

Bulletin Board Systems

- BBS's were in many ways the prototype for socially-driven websites of today
- Dedicated "applications" for group content
- Lots of customization, focus on community needs
- Forking of communities

The Web

(I hear this is a thing now)

Drupal is a tool for building Incubators

http://www.flickr.com/photos/fws-recovery-act-projects/5532210335/sizes/o/in/photostream/

No matter the purpose

http://www.flickr.com/photos/jurvetson/536728722/sizes/o/in/photostream/

Groups

Organic

Organic Groups!

http://www.flickr.com/photos/michaelnugent/6979989920/sizes/o/in/photostream/

http://www.flickr.com/photos/dullhunk/5584316541/sizes/o/in/photostream/

Groups

Would you like to learn and share best practices with other Symantec users? Join a Symantec Group!

For more information on *Symantec User Groups*, click here.

Find a Group

Search Group Names

Browse all groups

User | Partner | Developer | Product | Event | Other

North America | Asia Pacific | General | Europe, Middle East, Africa | South America

Alabama Endpoint Management User Group	26 Members
Atlanta Backup & Archiving User Group	70 Members
Atlanta Endpoint Management User Group	117 Members
Atlanta Security & Compliance User Group	41 Members
Backup & Archiving (Focus NetBackup) User Group Italy	7 Members
Baltimore Endpoint Management User Group	149 Members
Boston Backup & Archiving User Group	21 Members
Boston Endpoint Management User Group	154 Members
Boston Security & Compliance User Group	12 Members
Calgary Backup & Archiving User Group	11 Members
Calgary Endpoint Management User Group	29 Members
Central Illinois Endpoint Management	11 Members

OFFICES

Our Leadership
Organization Chart
Offices
Budget & Performance
Web Policies
Open Government
Contact Us
History

ALL OFFICES

PROGRAM OFFICES

Advanced Research Projects Agency - Energy

Loan Programs Office

Office of Electricity Delivery & Energy Reliability

Office of Energy Efficiency & Renewable Energy

Office of Environmental Management

Office of Fossil Energy

Office of Indian Energy Policy and Programs

Office of Legacy Management

Office of Nuclear Energy

Office of Science

LABS & TECHNOLOGY CENTERS

Ames Laboratory

POWER MARKETING ADMINISTRATION

Bonneville Power Administration

Southeastern Power Administration

Southwestern Power Administration

Western Area Power Administration

FIELD SITES

Carlsbad Field Office

Chicago Office

Golden Field Office

Idaho Operations Office

Oak Ridge Office

Office of River Protection

Richland Operations Office

Rocky Mountain Oilfield Testing Center

Savannah River Operations Office

OTHER AGENCIES

Energy Information Administration

National Nuclear Security Administration

STAFF OFFICES

Office of Congressional and Intergovernmental Affairs

Office of Economic Impact and Diversity

Office of Health, Safety and Security

Office of Hearings and Appeals

Office of Inspector General

Office of Management

Office of NEPA Policy and Compliance

Office of Policy and International Affairs

Office of Public Affairs

Office of the Chief Financial Officer

Office of the Chief Human Capital Officer

Brand Marketing
CEO Accelerator
Change Management
Clinical Trial Recruitment
Communications Training
Corporate Communications
Corporate Governance
Corporate Social Responsibility
Energy
Event Marketing
Fashion & Luxury
Financial Communications
Food B2B
Food & Nutrition
Healthcare
Influencer Relationship
Issues and Crisis Management
Latino Marketing
Litigation Communications
Marketing to Women
Media Relations
Public Affairs
Research & Analytics
Social & Digital Media
Social Marketing
Sports & Entertainment
Sustainability
Technology
Word-of-Mouth Marketing

Brand Marketing

We know what's trending. We understand what makes people engage and take notice. The result? Expertise in how to earn the public's attention.

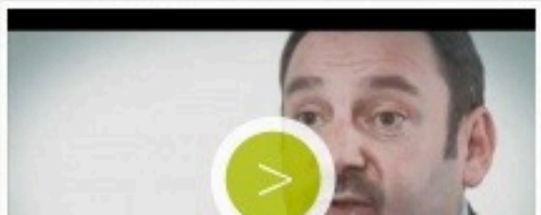
more

Change Management

Through change management, employee engagement, communications, and learning strategies and programs, we drive change.

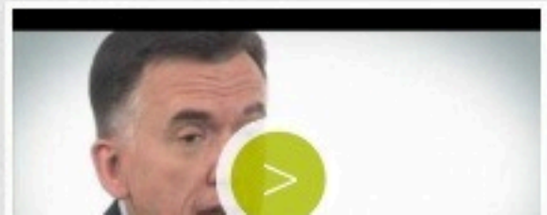
more

Corporate Communications



Corporate reputation is hard won and easily eroded. Our intelligence, insights and counsel help visionary leaders make

Food & Nutrition



We understand that food is far more than a necessity of life, which is why food companies, brands, agricultural businesses and

Collaborate with the Drupal community

This site serves the Drupal community by providing a place for groups to organize, plan and work on projects. Real world local user groups (sometimes called meetups) and regional Drupalcamps in particular are encouraged to setup their online presence here.

Browse groups

Geographical
Working groups
Distribution
Event planning

2013 "At Large" Director Candidates

Posted by kattekrab on *September 17, 2012 at 7:29am*

1

Here, in the order they submitted their nominations are the candidates for the 2013 election.

Voting is open September 24 - October 7.

Full name links to nomination statement, username links to profile on drupal.org

<

ul>

- Floh Klare - (SirFiChi)
- Todd Tomlinson - (toddtomlinson)

Read more

15 comments · 15 new comments · Categories: election2013 , elections , Governance

Election Time - 2013 Community At Large Directors

Posted by kattekrab on *August 31, 2012 at 2:18am*

2

The time has come to open nominations for directors from the

New groups

WIDT
Visual Branding of Drupal
OpenAid
ELMS
Drupal Design Camp LA
Drop Jobs Distribution
Balkan
Julio
Higher Education Europe
San Gabriel Valley Drupal

more

My groups

Group	New
Toronto	7 new
Drupal.org Improvements	7 new
Contributed Module Ideas	6 new
Web Services and Context Core Initiative	4 new
Snowman	1 new

Core concepts

A Content Type becomes a Group Type

Groups are just nodes

Memberships and Roles

Content is “Shared with” an OG

(this is the group content field)

Since Drupal 6

- Much more use of Fields instead of custom attributes on content
- Many previously required modules have been split out
- And some functionality is now built in to Drupal or OG
- Serious Panels Integration

A bit of history

http://www.flickr.com/photos/girliemac/6514473085/sizes/o/in/set-72157628409467125/

What you should know

- How to download new modules
- Creating content types and adding fields
- Creating basic lists of your content with Views
- Features and drush can never hurt!

Serious Questions

Defining your content model

What types of groups will you need?

What content can be shared with those groups?

Will there be any sort of permissions or restrictions on content?

Community management

(easy to forget for intranets)

<snip />

Actually displaying your content

- We get individual node views from Drupal
- We don’t get showing group information, or group content
- Glue in the form of Panels, OG Extras, or something else

og_extras + EVA

- Brings back everything you know and love from the Drupal 6 version
- If you just need to spin up a very simple groups site, use this
- No Painels required

My account Log out

Organic Groups

Home Groups

Home

Navigation

- Add content

Groups

og_extras_groups view

Team	Description	Manager	Created	Join Link
Kittens FTW	A fan of kittens? Who's not! Join this group for all kinds of kitten fun.	admin	6 sec ago	You are the group manager

Disabled

Features	- None -	configure
Group details	- None -	configure
Main menu	- None -	configure
Management	- None -	configure
Node content links	- None -	configure
Recent comments	- None -	configure
Recent content	- None -	configure
Shortcuts	- None -	configure
Syndicate	- None -	configure
User menu	- None -	configure
View: OG Extras group members	- None -	configure
View: OG members	- None -	configure
Who's new	- None -	configure
Who's online	- None -	configure

On Structure >> Blocks

Basic group info

Group details

Manager

admin

1 member

Created: Oct 31 2012

You are the group manager

Kittens FTW

Submitted by admin on Wed, 10/31/2012 - 23:24

Group:

You are the group manager

A fan of kittens? Who's not! Join this group for all kinds of kitten fun.

Create content

- Discussion

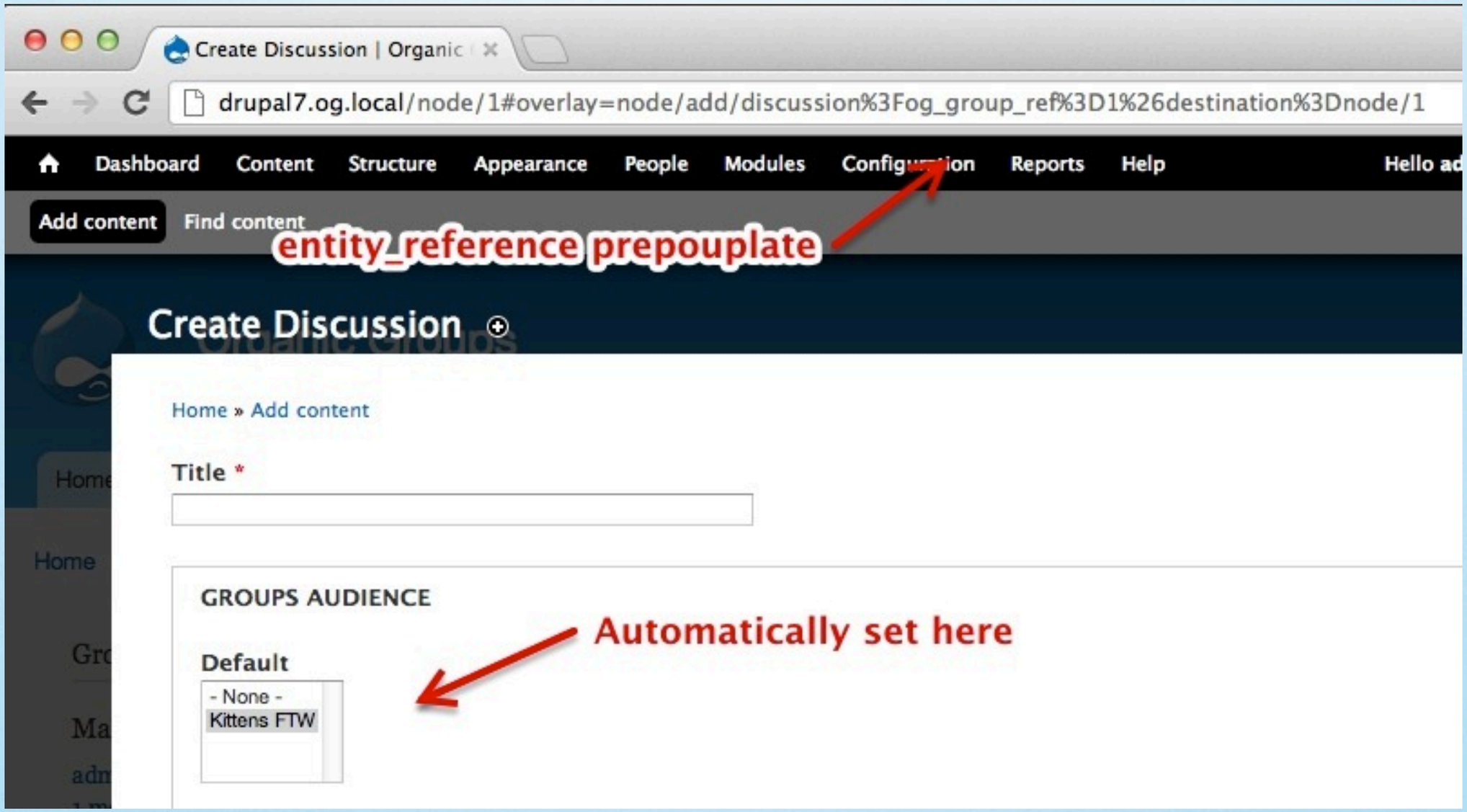
List of content types to add to this group

Kittens FTW members

admin

more

User list of members in this group


Create Discussion | Organic
drupal7.og.local/node/1#overlay=node/add/discussion%3Fog_group_ref%3D1%26destination%3Dnode/1
Dashboard
Content
Structure
Appearance
People
Modules
Reports
Help
Add content
Find content
entity_reference prepouplate
Create Discussion
Home » Add content
Title *
GROUPS AUDIENCE
Automatically set here
Default
- None -
Kittens FTW

Kittens? Seriously, 'ittens are

drupal7.og.local/node/2

Dashboard Content Structure ppearance People Modules Configuration Reports Help Hello admin Log ou

Add content Find content Edit s

It's not node 1 (the group node)

My account Log o

Organic Groups

But the block know the group context anyways

Home Groups

Home

Group details

Manager

admin

1 member

Created: Oct 31 2012

You are the group manager

Create content

- Discussion

Kittens FTW members

admin

more

Kittens? Seriously, 'ittens are obviously superior

View Edit

Submitted by admin on Wed, 10/31/2012 - 23:53

Groups audience:

Kittens FTW

You're such a noobsicle.

Tags:

flamewar

Add new comment

Your name admin

Subject

Comment *

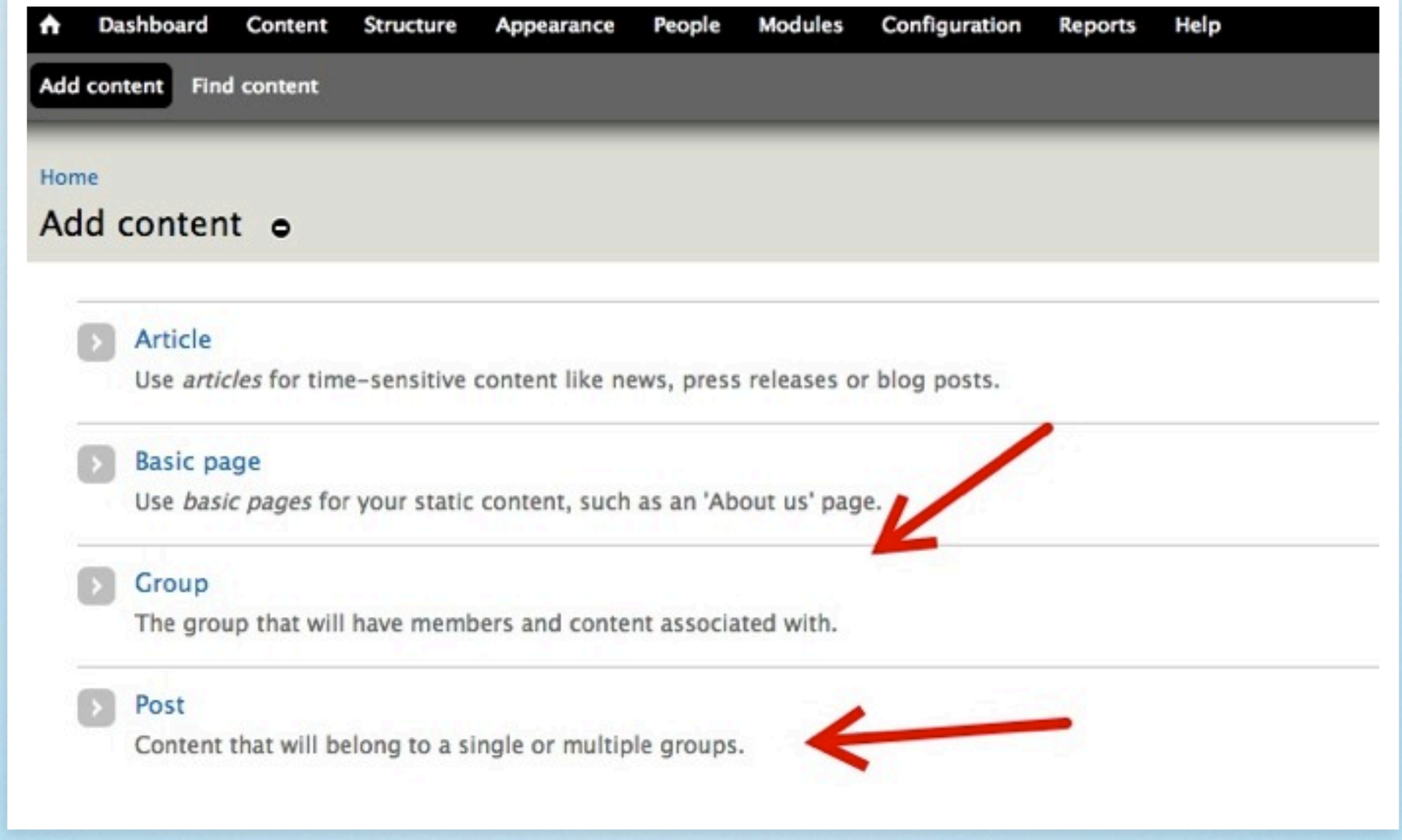
og_example

New to Drupal? Want to learn Panels? Mind exploded?
og_example will make everything right.

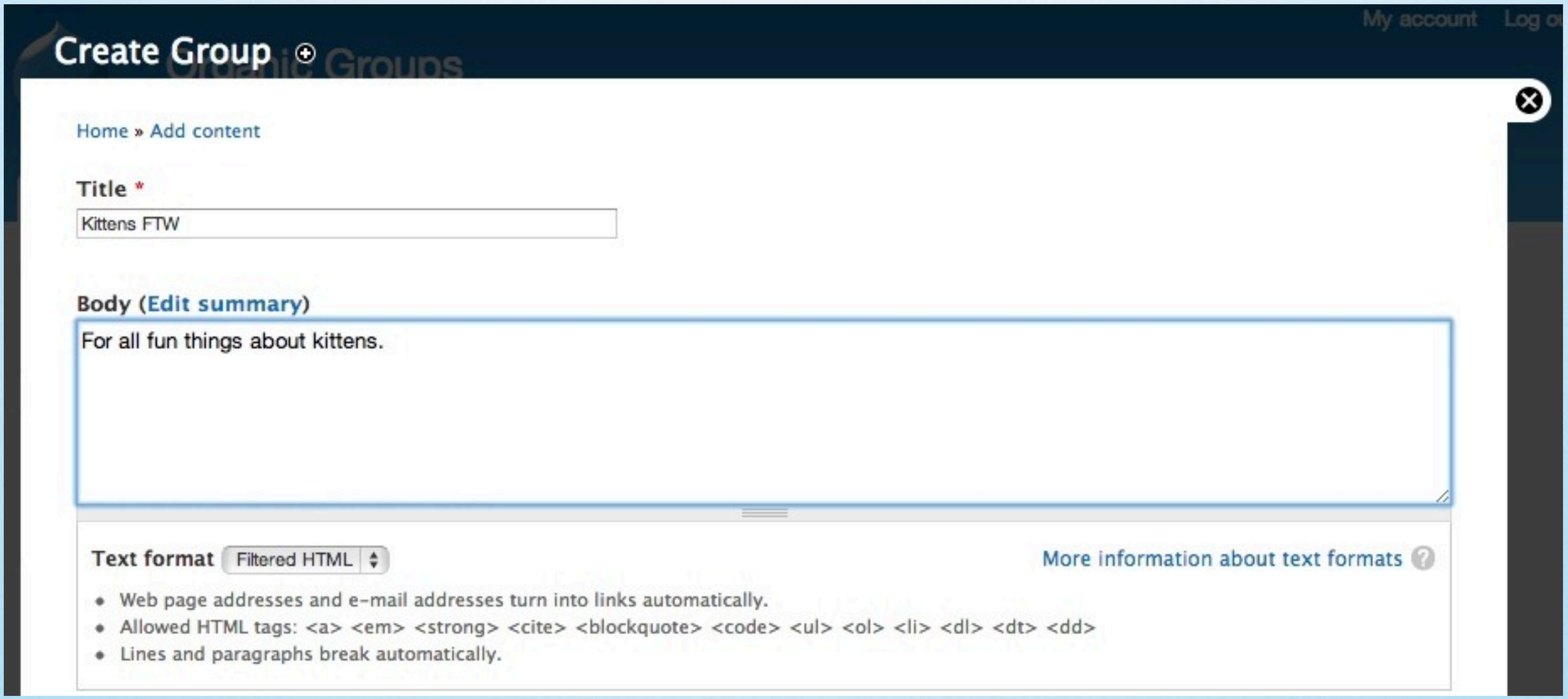
“og_example requires views_content, entity_token, rules, panels, page_manager, views, views_bulk_operations, og_ui, og, message, message_notify, features, entity, entityreference, entityreference_prepopulate, ctools”

- DRUSH 6.0-DEV

Creating content



OG Example adds a “Group” and “Post” content type



By default, the Group content type looks just like a bare content type

Group

EDIT | MANAGE FIELDS | MANAGE DISPLAY | COMMENT FIELDS | COMMENT DISPLAY

Show row weights

LABEL	MACHINE NAME	FIELD TYPE	WIDGET	OPERATIONS
Title	title	Node module element		
Group	group_group	Boolean	Single on/off checkbox	edit delete
Body	body	Long text and summary	Text area with a summary	edit delete
Add new field				
Label		- Select a field type - Type of data to store.	- Select a widget - Form element to edit the data.	
Add existing f				
Label				

Save

Group Group Group Group!

Create Post

Organic Groups

Home » Add content

Title *

You're all wrong, mittens are the one true way

GROUPS AUDIENCE

Default

- None -
Kittens FTW

Seems familiar?

ADMINISTRATOR

Add another item

Body (Edit summary)

The level of wrong in this group is just epic.

COMICS

JAN.
30465

CODE
AUTHORITY

BATMAN'S MOST BAFFLING CASE...

"THIS VARIANT HAS BEEN CENSORED"

THE MASTER CRIME-FILE OF Jason Bard

STOP!

NOBODY LEAVES THIS MAGAZINE TILL A PANELS CONFIG IS SOLVED!

http://www.fotopedia.com/items/flickr-4149139650

Panels

DASHBOARD | SETTINGS

Create new...

Panel page

Panel pages can be used as landing pages. They have a URL path, accept arguments and can have menu entries.

Custom layout

Custom layouts can add more, site-specific layouts that you can use in your panels.

Panel node

You must activate the panel node module for this functionality.

Page wizards

Landing page

Landing pages are simple pages that have a path, possibly a visible menu entry, and a panel layout with simple content.

Manage pages

Node template	Enable
Node add/edit form	Enable
Content	Enable
Users	Enable
User edit template	Enable
User profile template	Enable
Taxonomy term template	Enable

Go to list

Organic Groups

My account Log out

Home

Home

Navigation

- Add content

Kittens FTW

View Edit Group

For all fun things about kittens.

Group articles

You're all wrong, mittens are the one true way

Submitted by admin on Thu, 11/01/2012 - 00:13

The level of wrong in this group is just epic.

Read more

Kittens? 'ittens are obviously superior

Submitted by admin on Thu, 11/01/2012 - 00:12

You're such a noobsicle

View of Group Content

Content create links

- Post

Kittens FTW members

admin

You are the group manager

View as well

From “scratch”

Pages

LIST | WIZARDS

+ Add custom page + Import page

Type <All> | Storage <All> | Enabled <All> | Search | Sort by Enabled, title | Order Up | Apply

Reset

TYPE	NAME	TITLE	PATH	STORAGE	OPERATIONS
System	node_view	Node template	/node/%node	In code	Edit
System	node_edit	Node add/edit form	/node/%node/edit	In code	Enable
System	search-node	Content	/search/node/!keywords	In code	Enable
System	search-user	Users	/search/user/!keywords	In code	Enable
System	user_edit	User edit template	/user/%user/edit	In code	Enable
System	user_view	User profile template	/user/%user	In code	Enable
System	term_view	Taxonomy term template	/taxonomy/term/%taxonomy_term	In code	Enable

» Create a new page

Node template

Disable | Add variant | Import variant

Summary
Variants
Group
Summary
General
Selection rules
Contexts
Layout
Content
Preview

Summary

Get a summary of the information about this page.

When enabled, this overrides the default Drupal behavior for displaying nodes at *node/%node*. If you add variants, you may use selection criteria such as node type or language or user access to provide different views of nodes. If no variant is selected, the default Drupal node view will be used. This page only affects nodes viewed as pages, it will not affect nodes viewed in lists or at other locations. Also please note that if you are using pathauto, aliases may make a node to be somewhere else, but as far as Drupal is concerned, they are still at node/%node.

Panel: Group

Clone | Export | Revert | Enable

Storage	Overridden	
Status	Disabled	Enable
Selection rule	This panel will be selected if Node being viewed is an OG group.	Edit
Layout	Two column stacked	Change layout Edit content Preview

» Add a new variant

Add variant

Add a new variant to this page.

Title

Group, from scratch

Administrative title of this variant. If you leave blank it will be automatically assigned.

Variant type

Panel

Optional features

Selection rules

Supercritical!

Contexts

Check any optional features you need to be presented with forms for configuring them. If you do not check them here you will still be able to utilize these features once the new page is created. If you are not sure, leave these unchecked.

Create variant

Configure

Changed

Configure a newly created variant prior to actually adding it to the page.

Before this variant can be added, it must be configured. When you are finished, click "Create variant" at the end of this wizard to add this to your page.

Selection rules » Choose layout » Panel settings » Panel content

If there is more than one variant on a page, when the page is visited each variant is given an opportunity to be displayed. Starting from the first variant and working to the last, each one tests to see if its selection rules will pass. The first variant that meets its criteria (as specified below) will be used.

TITLE	DESCRIPTION	
No criteria selected, this test will pass.		

OG: Node is an OG group Add

- (•) All criteria must pass.
- ( ) Only one criteria must pass.

Continue

<snip />

Variants » Group, from scratch » Content

Variant operations | Clone | Export | Delete | Disable

Add content items and change their location with a drag and drop interface.

▼ Display settings

Title type

Manually set

Title

The title of this panel. If left blank, a default title may be used. Set to No Title if you want the title to actually be blank. You may use substitutions in this title.

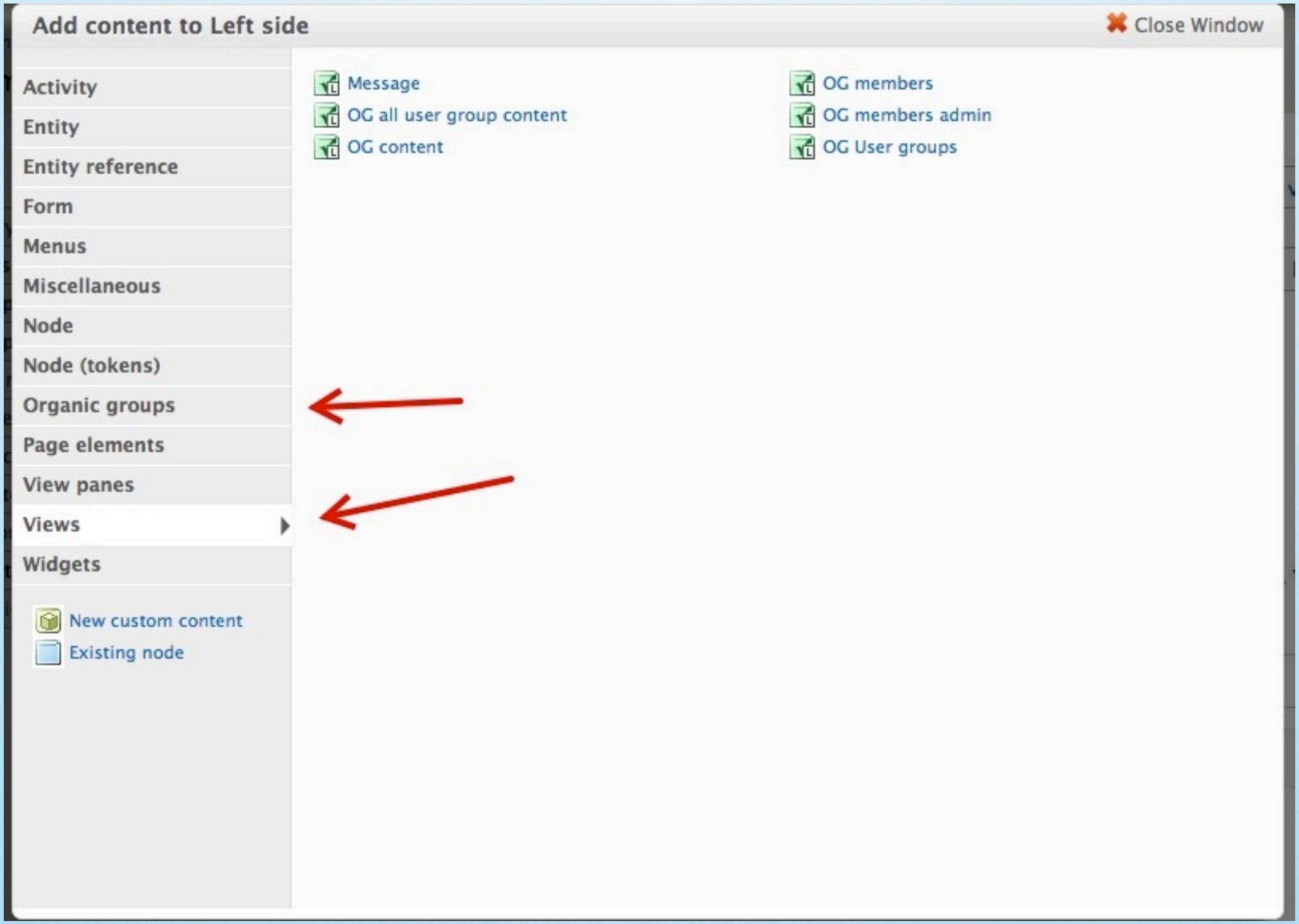
▸ SUBSTITUTIONS

Left side

ht side

Add content
Style
Default
Change

Update | Update and save | Update and pr


Add content to Left side
Close Window
Activity
Entity
Entity reference
Form
Menus
Miscellaneous
Node
Node (tokens)
Organic groups
Page elements
View panes
Views
Widgets
New custom content
Existing node
Message
OG all user group content
OG content
OG members
OG members admin
OG User groups

Update and save!

Kittens FTW

View | Edit | Group

Kittens FTW members

admin

Group articles

You're all wrong, mittens are the one true way

Submitted by admin on Thu, 11/01/2012 - 00:13

The level of wrong in this group is just epic.

Read more

Kittens? 'ittens are obviously superior

Submitted by admin on Thu, 11/01/2012 - 00:12

You're such a noobsicle

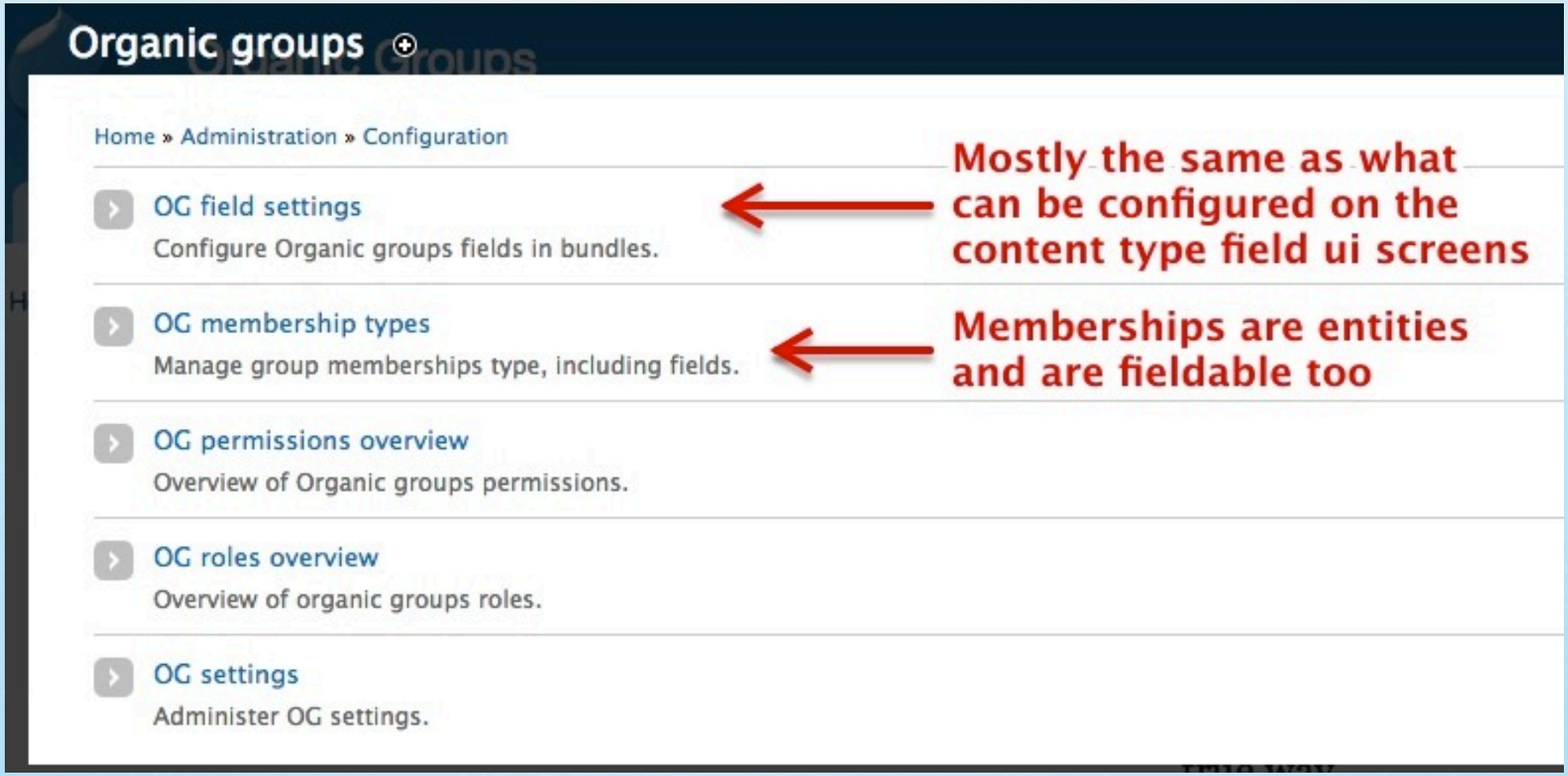
Read more

Tada!

We can use Panels AND Display Suite, and it's not totally insane? zomgwtfbbq

- ME, THINKING ABOUT LAYOUTS FOR A LARGE SITE

Handy Admin Pages


Organic groups
Home » Administration » Configuration
OG field settings
Configure Organic groups fields in bundles.
Mostly the same as what can be configured on the content type field ui screens
OG membership types
Manage group memberships type, including fields.
Memberships are entities and are fieldable too
OG permissions overview
Overview of Organic groups permissions.
OG roles overview
Overview of organic groups roles.
OG settings
Administer OG settings.

My account Log out

OG field settings

Home » Administration » Configuration » Organic groups

- comment
  - ✓ Article comment
  - Basic page comment
  - Group comment
  - Post comment
- message_type_category
  - Message type category
- message_type
  - message_type_email
- message
  - og_new_content
- node
  - Article
  - Basic page
  - Group
  - Post
- og_membership_type
  - OG membership type
- og_membership
  - og_membership_type_default
- taxonomy_term
  - Tags
- user
  - User
- rules_config
  - Rules configuration

This is just the beginning!

FIELD	DESCRIPTION	OPERATIONS
Group	Determine if this should be a group.	Delete

one

Submitted by admin on Thu, 11/01/2012 - 00:13

The level of wrong in this group is just epic.

Read more

Kittens? 'ittens are obviously superior

The OG Permission Grid Of Doom™

Considerations

- Performance with multiple node access modules
- Group context with multiple groups assigned to content
- It's really easy to build a complicated content model and forget that all your end users wanted was "post" and "group"

Videos

- “drupalize.me organic groups”
- “gizra og 7 drupalcon london”
- drupal.org/project/og