## A BEGINNER'S GUIDE TO DRUPAL SITE BUILDING

AKA...

## WHAT I WISH SOMEONEHAD TOLD ME AT THE BEGINNING

## WHATDO MEANBY BEGINNING?

#### MOST SITE BUILDERS DO NOT SET OUT TO BE SITE BUILDERS\*

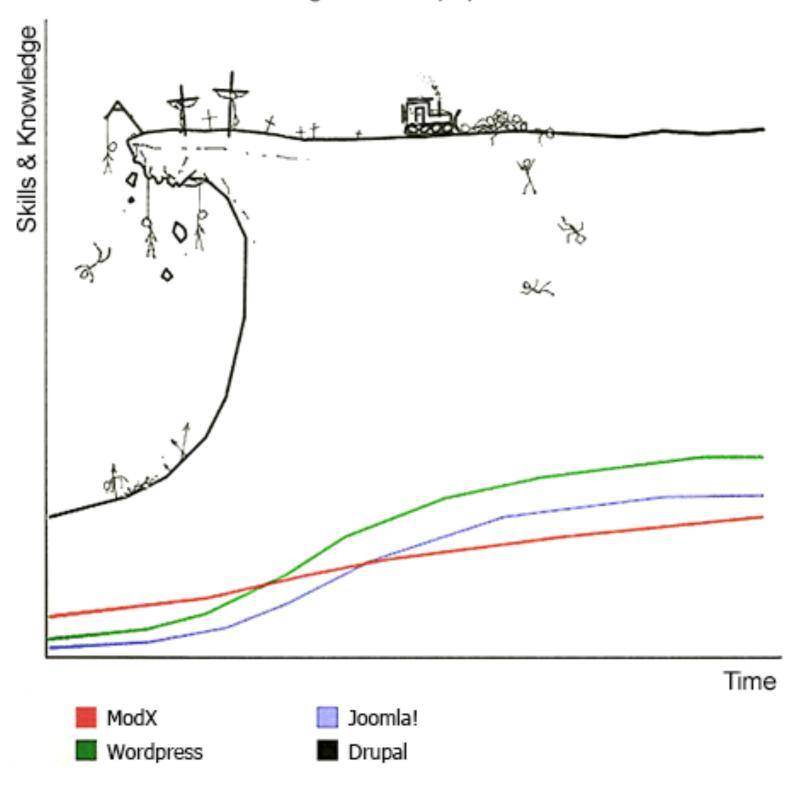
(\*I made this up, but it seems true)

## WHYAMI DOINGTHIS?

#### DRUPAL CAN BE OVERWHELMING...

#### BUT DOESN'T HAVE TO BE DIFFICULT

#### Learning curve for popular CMS



# THINK ABOUT DRUPAL AS LEGOS\*

(\*This is a tired analogy, but it works)

#### **MY DRUPAL MOTTO**

# THERE IS ALWAYS MORE TO LEARN

(you must be okay with this)

ALSO...

## YOU DON'T HAVETO CONTINUALLY START OVER

(there will *always* be a better way to do something)

## SITE BUILDING CAN BE MANY THINGS

# THERE ARE THOUSANDS OF MODULES

## LET'S BREAKIT DOWN INTO CALEGORIES

ADMIN INTERFACE CONTENT CREATION CONTENT DISPLAY NAVIGATION **PEOPLE** THEME\*

## BUT, WAIT

## BEEORE YOUGET STARIED

## DECIDEON TEXT EDITING AND MEDIA HANDLING

## KNOW WHO WILL BE CREATING CONTENT ON YOUR SITE

## KNOW HOW YOUR SITE WILLHANDLE FILES AND IMAGES

## DECIDE ON A THEMING METHOD

## START WITH A QUALITY BASETHEME

(you'll thank me someday)







### ADMIN INTERFACE CONTENT CREATION CONTENT DISPLAY NAVIGATION **PEOPLE** THEME\*

#### ADMIN INTERFACE

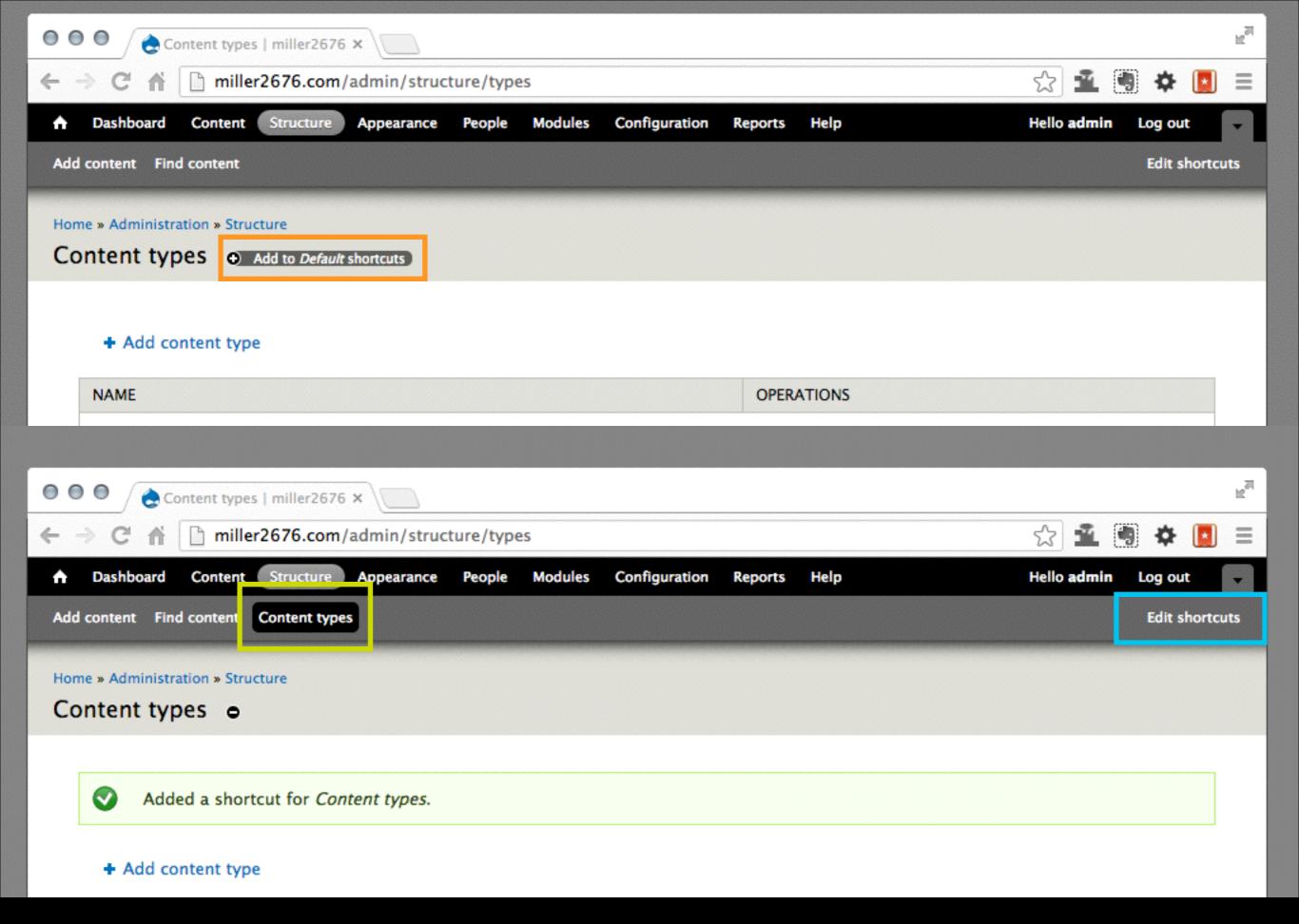
**TIPS** 

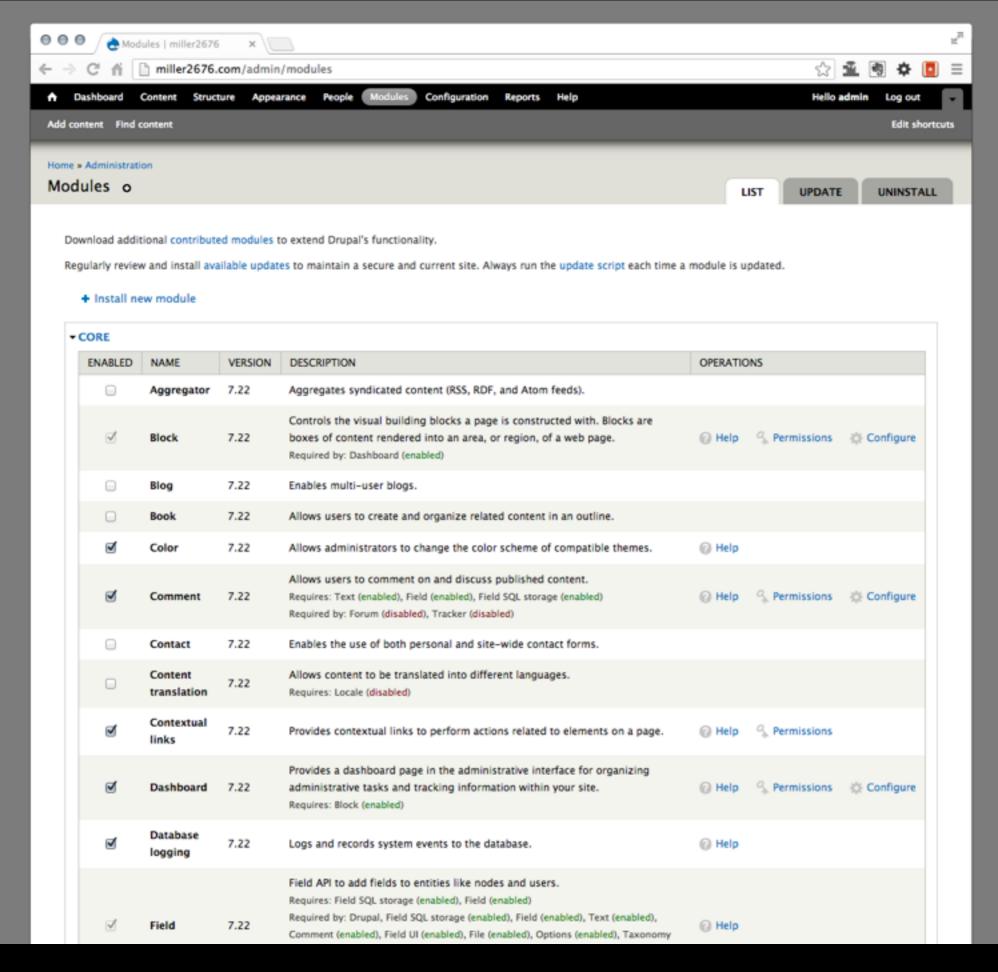
**TURN OFF OVERLAY** 

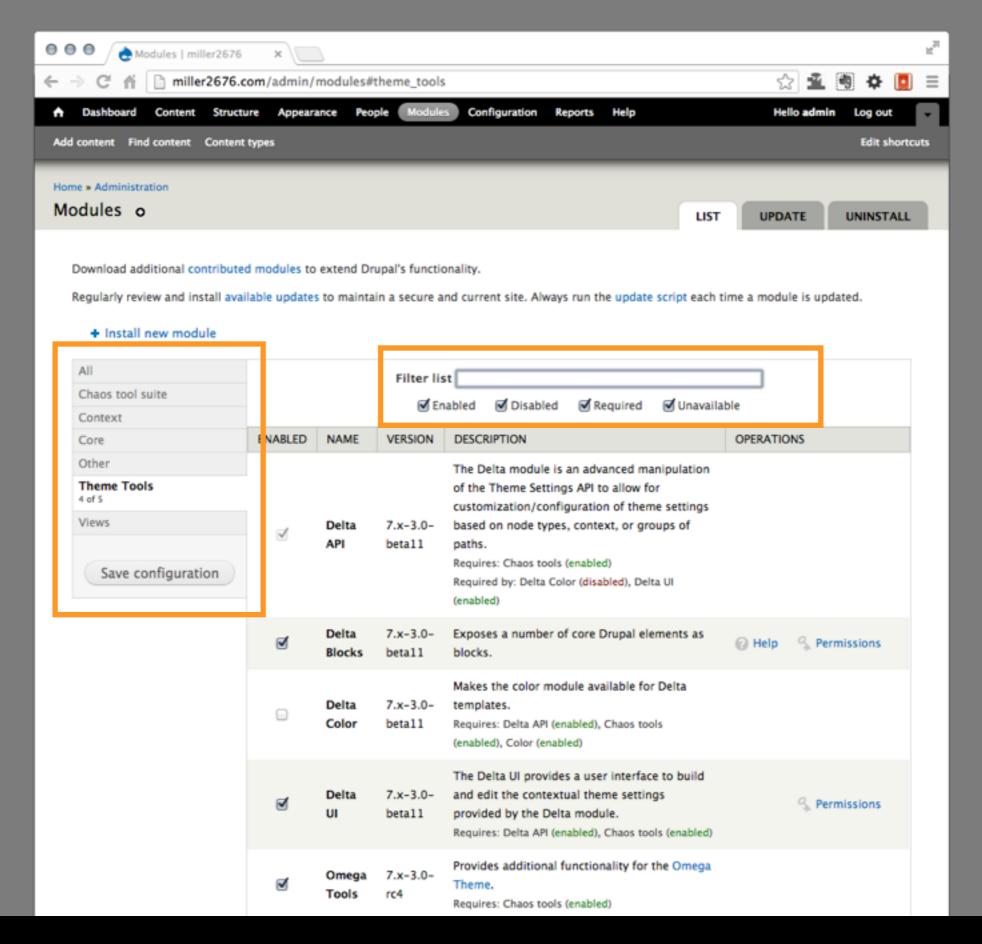
**USE SHORTCUTS** 

**MODULES** 

**MODULE FILTER** 







### ADMIN INTERFACE CONTENT CREATION **CONTENT DISPLAY** NAVIGATION **PEOPLE** THEME\*

#### CONTENT CREATION

#### **TIPS**

CREATE CUSTOM CONTENT TYPES

**USE TAXONOMY** 

USE HIDDEN FIELDS
TO ORGANIZE
CONTENT

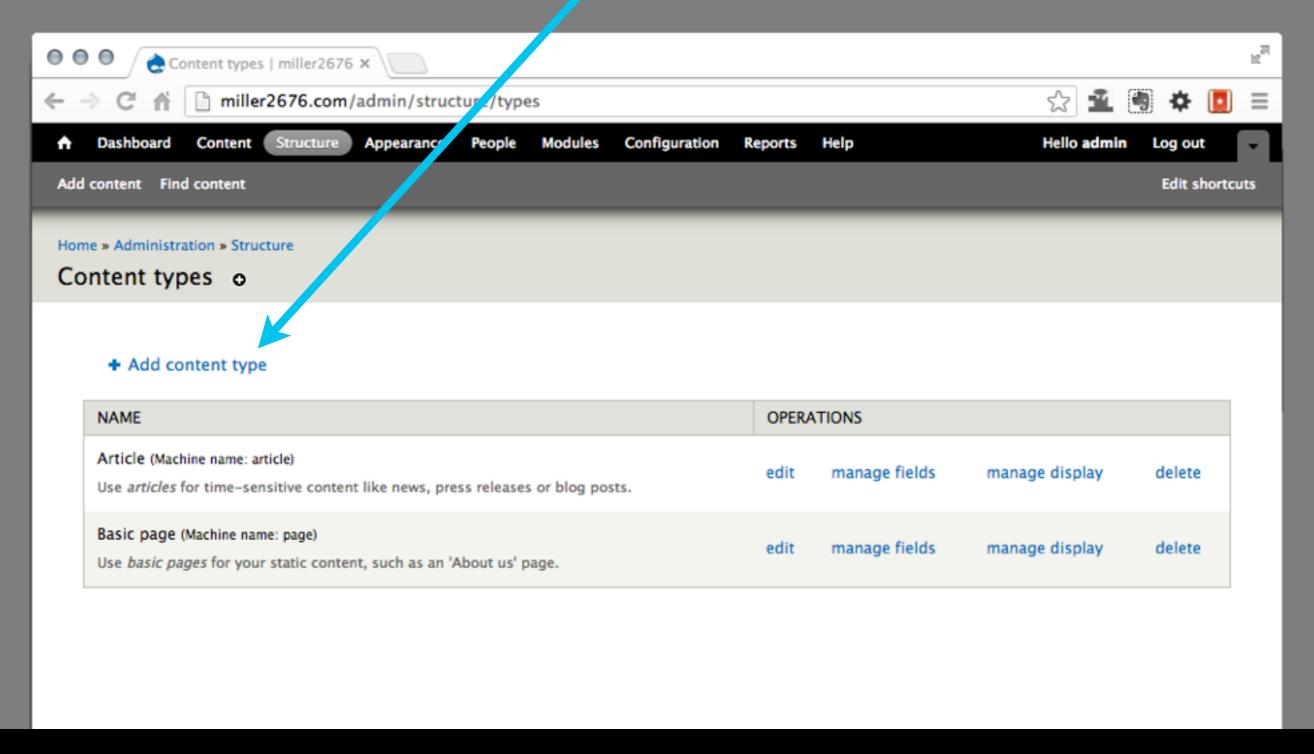
#### **MODULES**

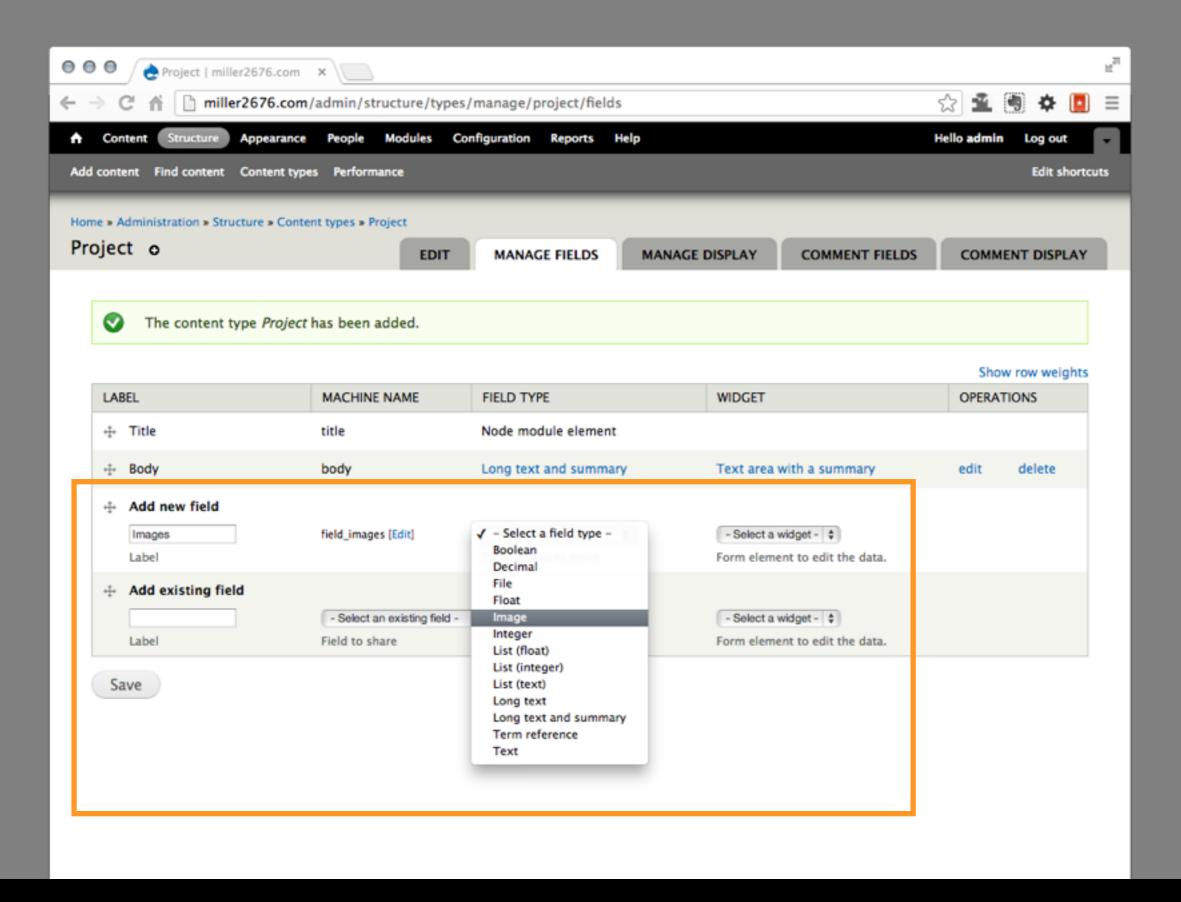
**WYSIWYG** 

**MEDIA (2.X BRANCH)** 

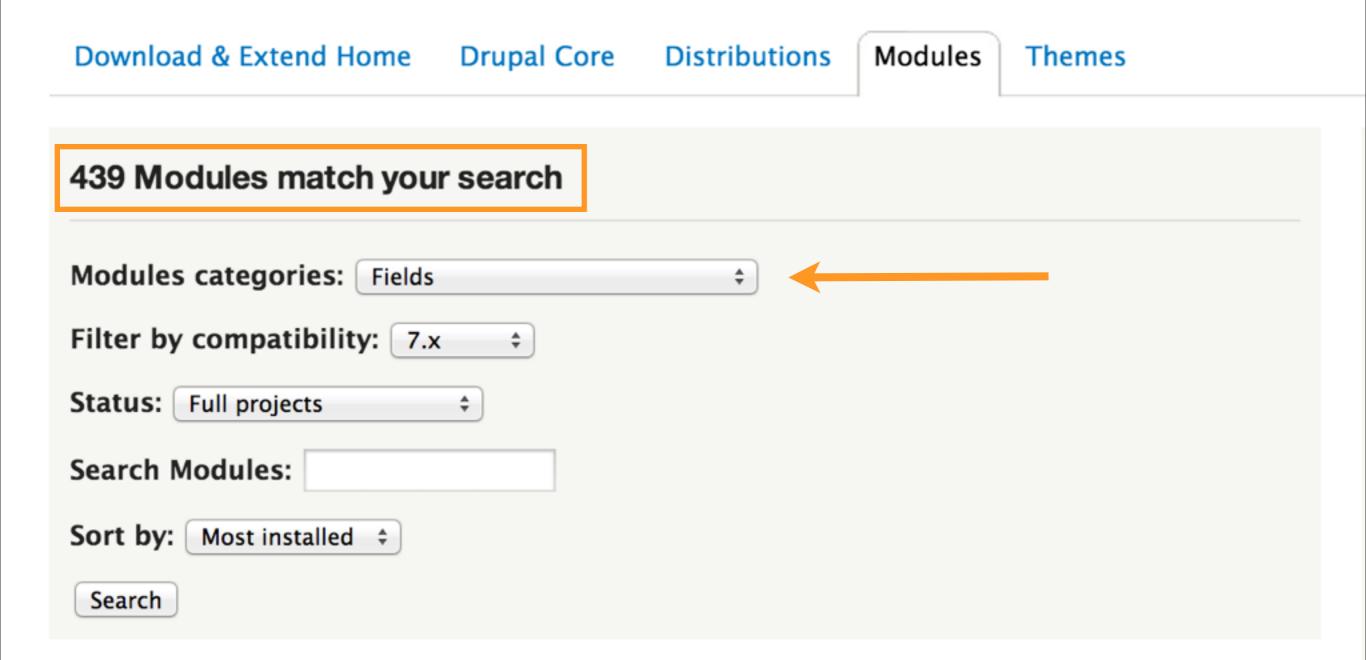
VARIOUS FIELD-BASED MODULES

#### MAKE YOUR OWN





#### Download & Extend



Extend and customize Drupal functionality with contributed modules. If a module doesn't quite do what you want it to do, if you find a bug or have a suggestion, then join forces and help the module maintainer. Or, share your own by starting a new module.

#### Maintenance

This module is sponsored by Wunder

#### **Downloads**

#### Recommended releases

| Version | Downloads     |
|---------|---------------|
| 7.x-1.1 | tar.gz (42.06 |

#### **Development releases**

| V | ersion     | Downloads                         | Date        | Links |
|---|------------|-----------------------------------|-------------|-------|
| 7 | .x-1.x-dev | tar.gz (45.4 KB)   zip (51.98 KB) | 2013-May-16 | Notes |

#### **Project Information**

Maintenance status: Actively maintained

Development status: Under active development

Module categories: Content, Content Construction Kit (CCK), Fields, Utility

Reported installs: 94926 sites currently report using this module. View usage statistics.

Downloads: 543,263

Last modified: May 17, 2013





#### Field group



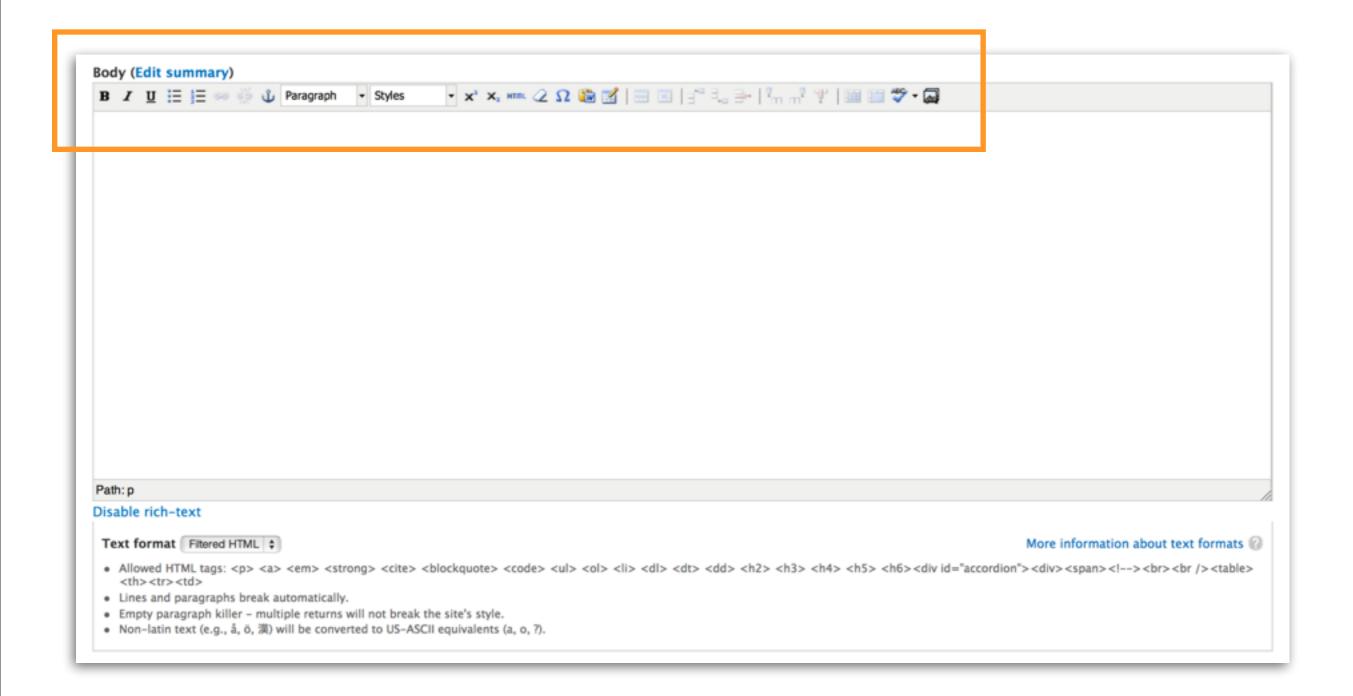
Version control

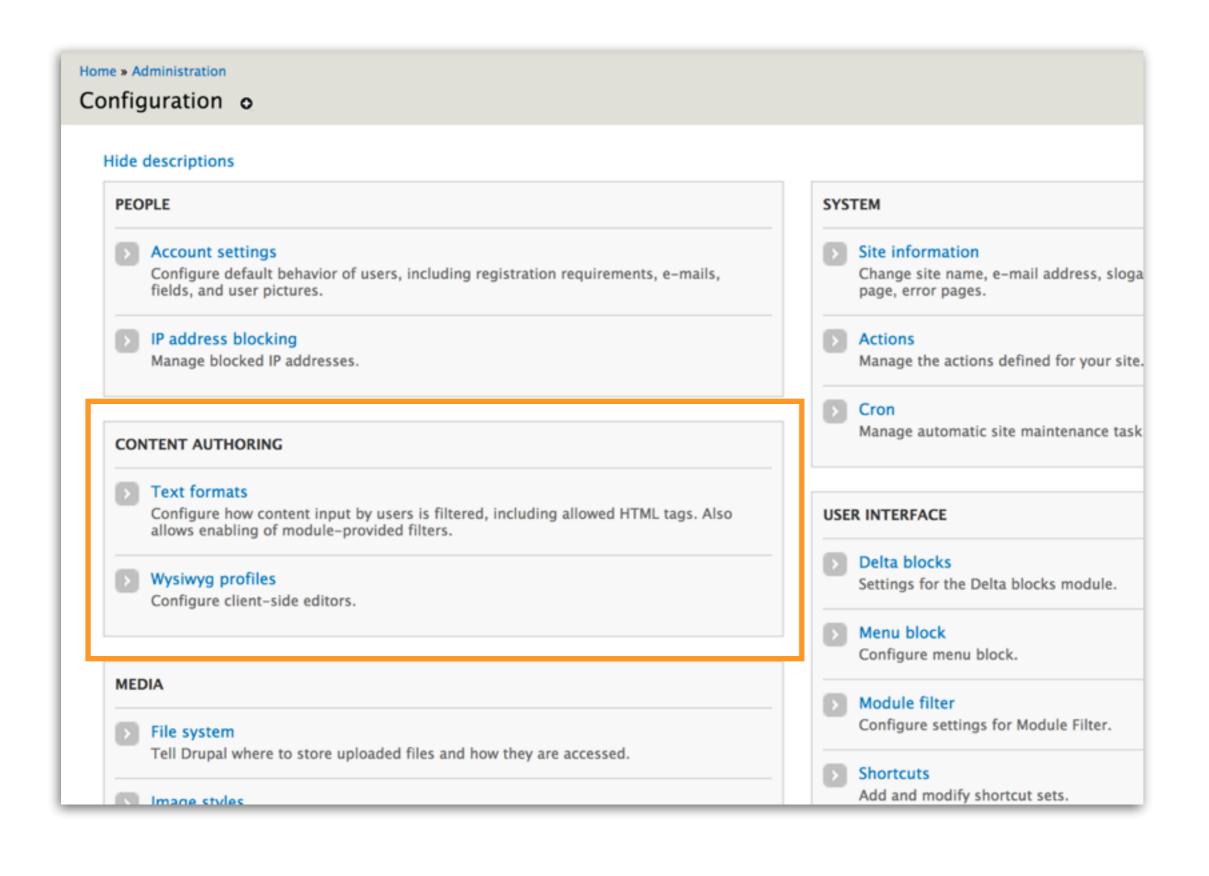
Revisions

Posted by Stalski on October 21, 2010 at 10:14am

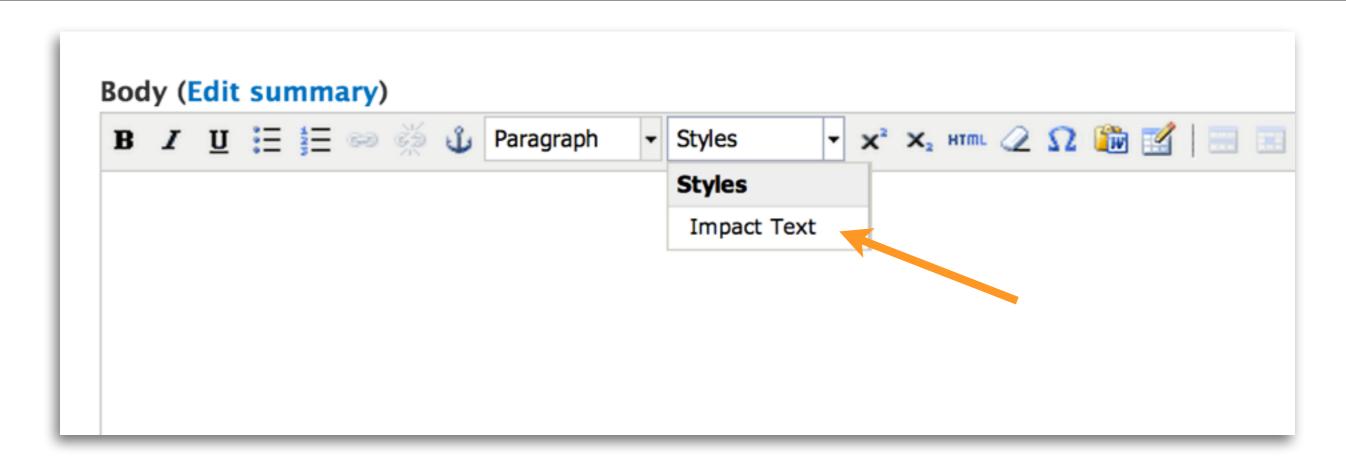
Fieldgroup will, as the name implies, group fields together. All fieldable entities will have the possibility to add groups to wrap their fields together. Fieldgroup comes with default HTML wrappers like vertical tabs, horizontal tabs, accordions, fieldsets or div wrappers.

#### WYSIWYG



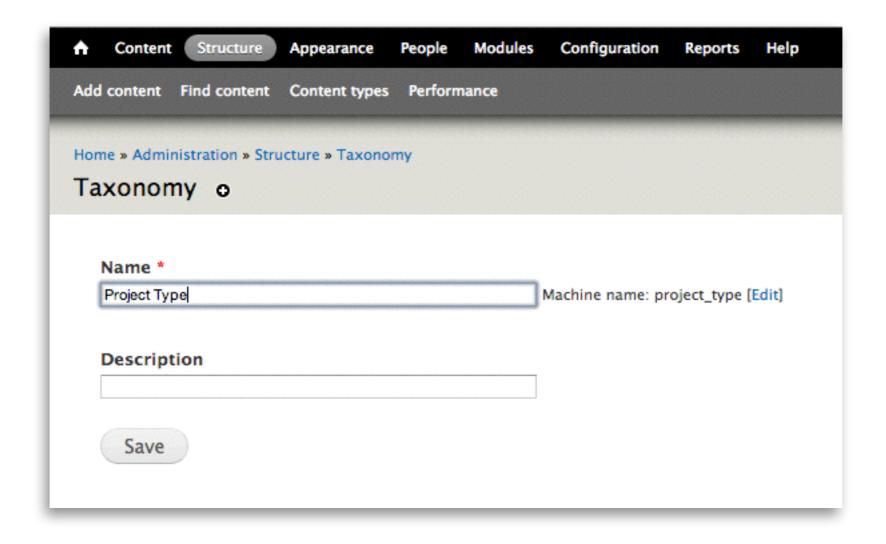


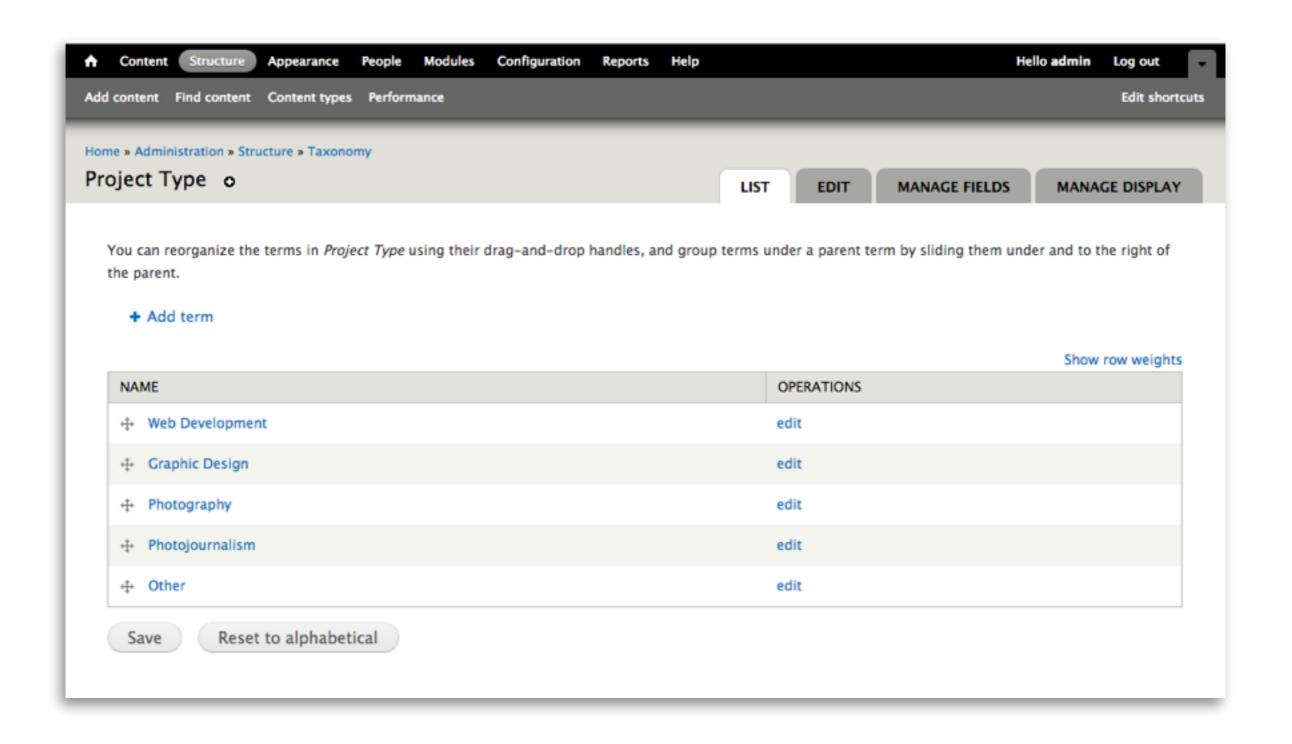
| ▶ BASIC SETUP   |  |   |  |  |  |
|---|--|---|--|--|--|
| ▼ BUTTONS AND PLUGINS   |  |   |  |  |  |
| <b>✓</b> Bold   | <b>✓</b> Italic  | ✓ Underline   |  |  |  |
| Strike-through  | Align left   | ☐ Align center  |  |  |  |
| Align right   | Justify  | <b>✓</b> Bullet list  |  |  |  |
| ✓ Numbered list   | Outdent  | ☐ Indent  |  |  |  |
| Undo  | ☐ Redo   | <b>☑</b> Link   |  |  |  |
| <b>✓</b> Unlink   | ✓ Anchor   | ☐ Image   |  |  |  |
| ☐ Clean-up  | ✓ Block format   | <b>✓</b> Styles   |  |  |  |
| ☐ Font  | Font size  | ☐ Forecolor   |  |  |  |
| ☐ Backcolor   | ✓ Superscript  | ✓ Subscript   |  |  |  |
| Blockquote  | ✓ Source code  | Horizontal rule   |  |  |  |
| □ Cut   | □ Сору   | □ Paste   |  |  |  |
| ☐ Visual aid  | ✓ Remove format  | ✓ Character map   |  |  |  |
| ☐ Help  | Advanced horizontal rule  http://www.tinymce.com/wiki.php/Plugin:advhr | Advanced image  http://www.tinymce.com/wiki.php/Plugin:advimage   |  |  |  |
| Advanced link  http://www.tinymce.com/wiki.php/Plugin:advlink       | Auto save  http://www.tinymce.com/wiki.php/Plugin:autosave             | Context menu http://www.tinymce.com/wiki.php/Plugin:contextmenu   |  |  |  |
| Left-to-right http://www.tinymce.com/wiki.php/Plugin:directionality | Right-to-left http://www.tinymce.com/wiki.php/Plugin:directionality    | Emotions  http://www.tinymce.com/wiki.php/Plugin:emotions         |  |  |  |
| Fullscreen http://www.tinymce.com/wiki.php/Plugin:fullscreen        | Inline popups  http://www.tinymce.com/wiki.php/Plugin:inlinepopups     | Insert date http://www.tinymce.com/wiki.php/Plugin:insertdatetime |  |  |  |
| Insert time http://www.tinymce.com/wiki.php/Plugin:insertdatetime   | Insert layer  http://www.tinymce.com/wiki.php/Plugin:layer             | Move forward  http://www.tinymce.com/wiki.php/Plugin:layer        |  |  |  |

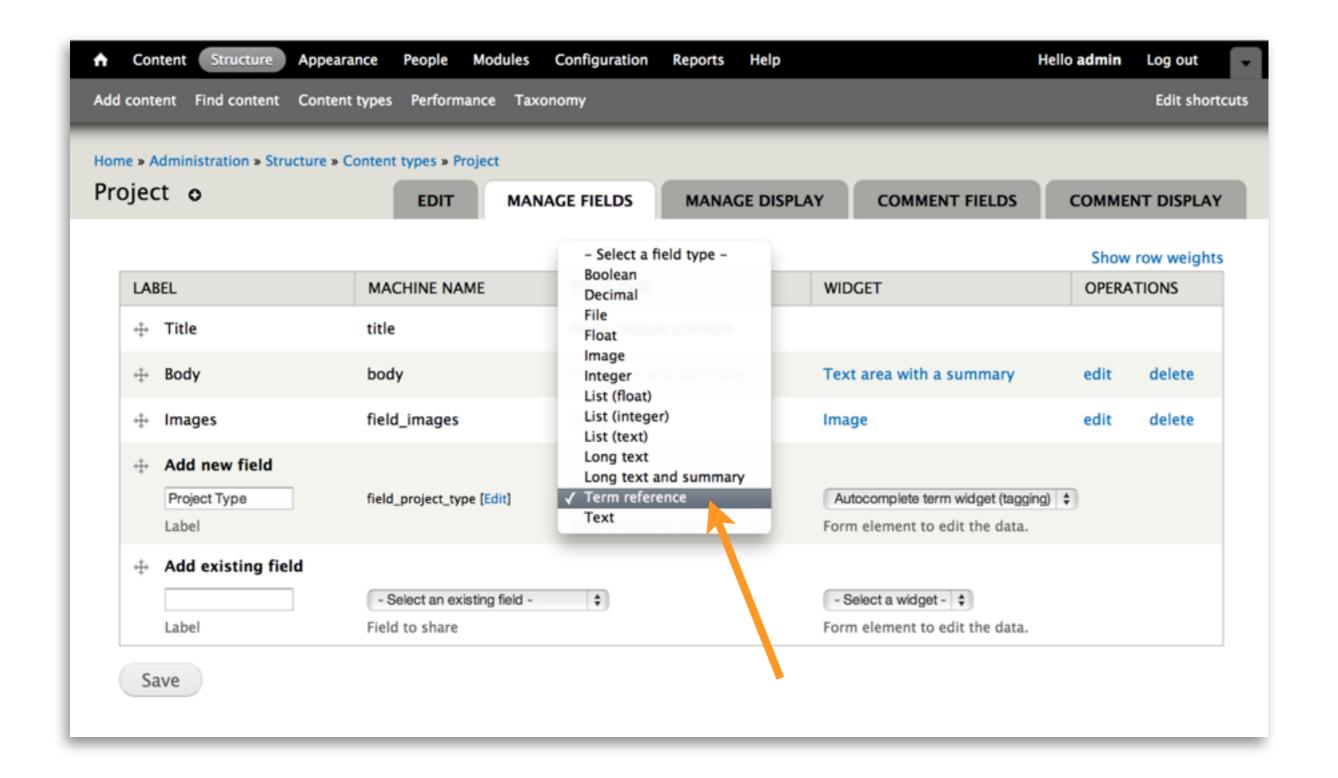


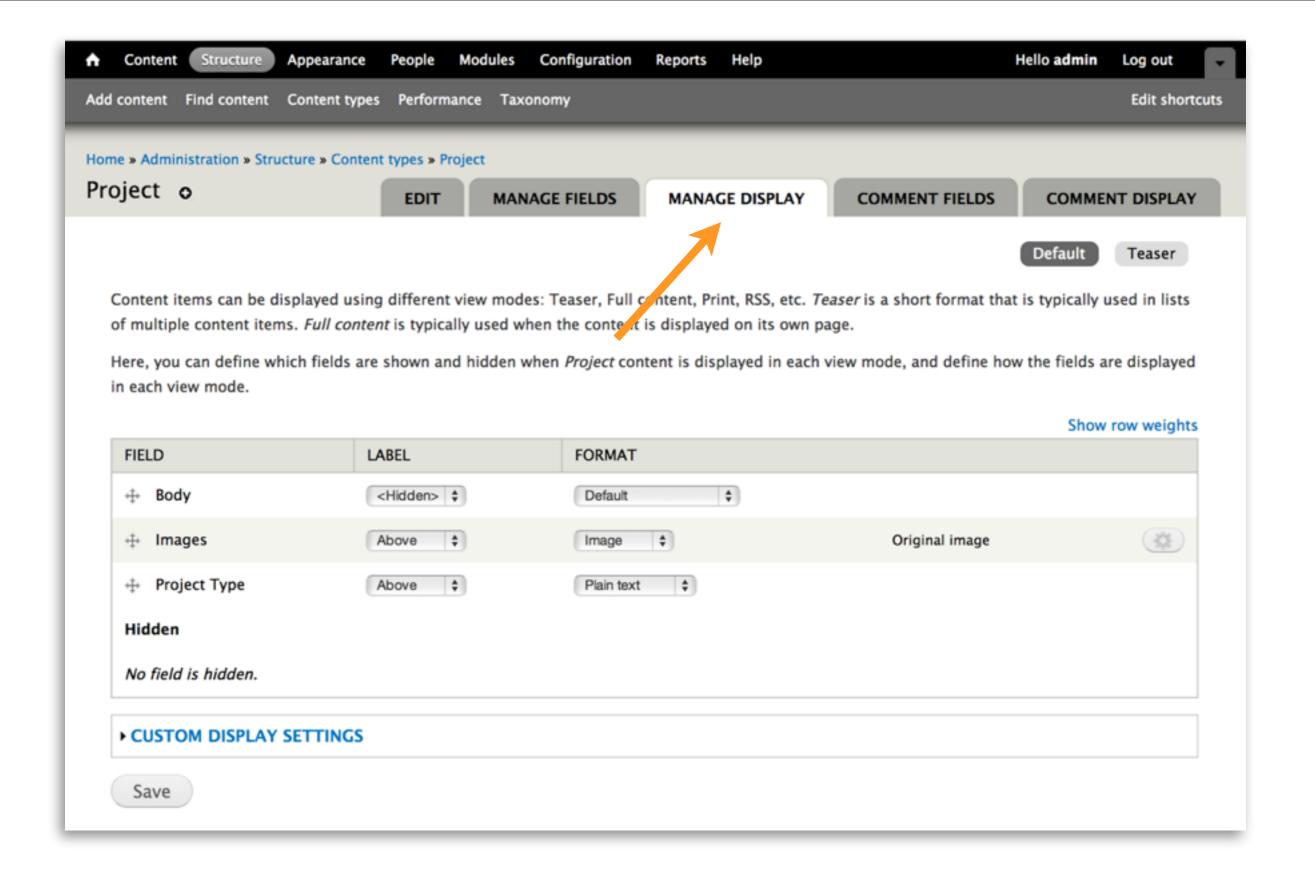


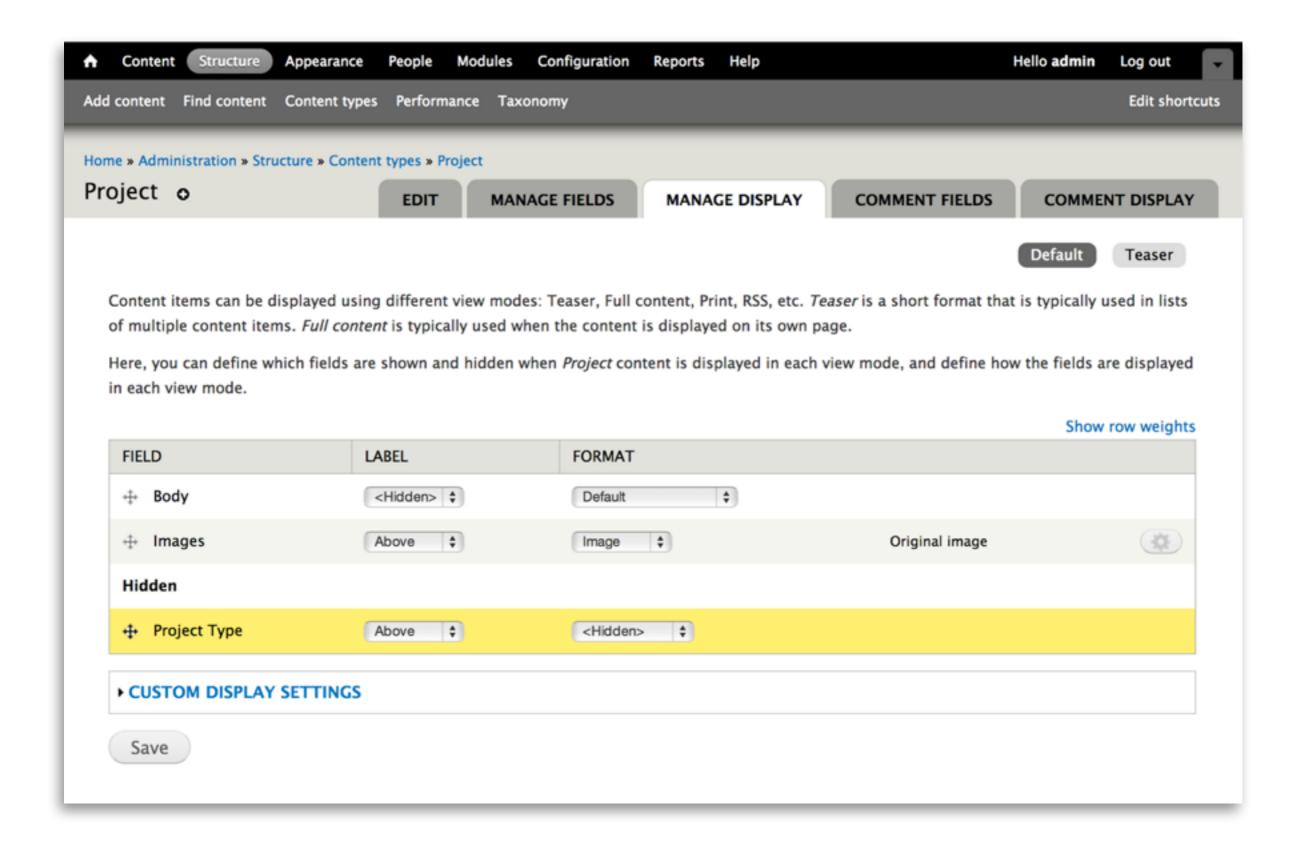
#### TAXONOMY = AWESOME











### ADMIN INTERFACE CONTENT CREATION CONTENT DISPLAY NAVIGATION **PEOPLE** THEME\*

Melissa Miller | miller.2676@gmail.com | @miller2676

#### CONTENT DISPLAY

**TIPS** 

EXPLORE ADVANCED DISPLAY MODULES

EXPLORE THEME TEMPLATE FILES

**USE VIEWS** 

**MODULES** 

**VIEWS** 

**VIEWS** 

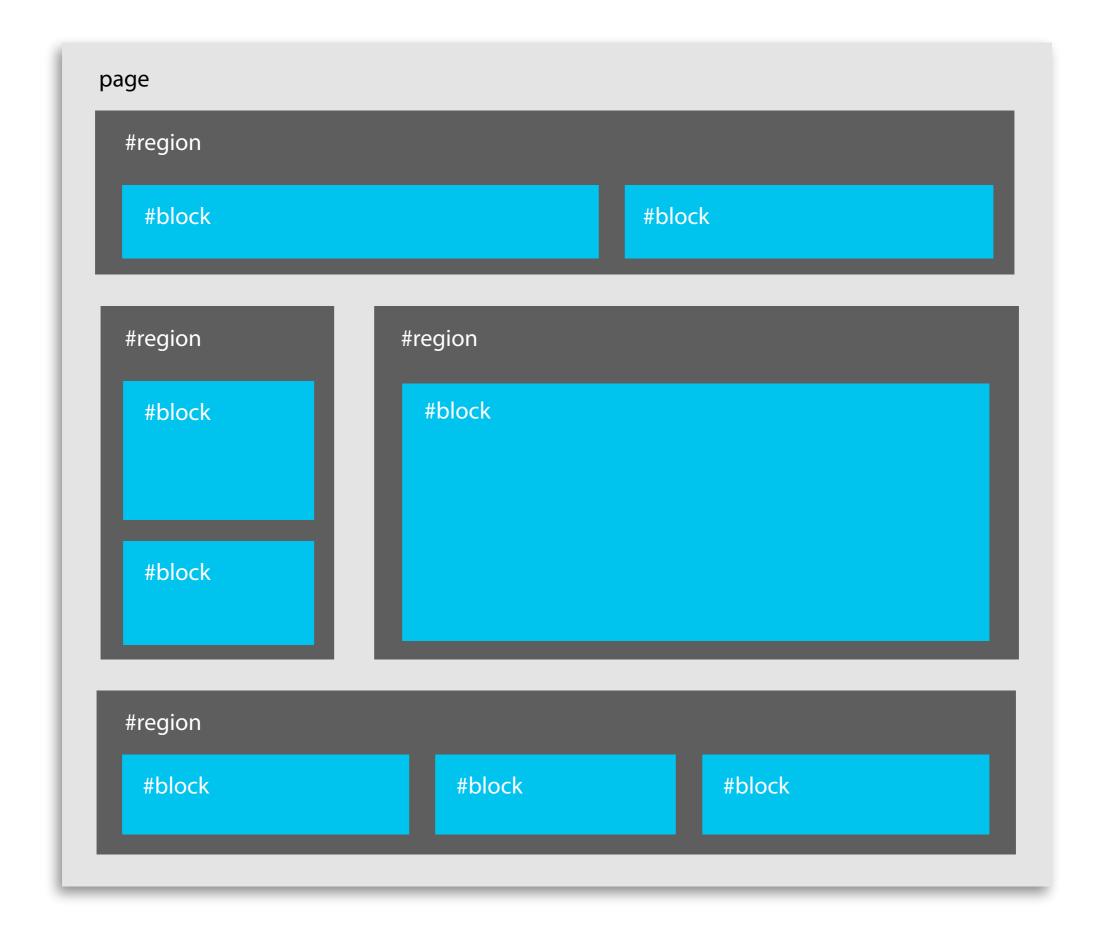
**VIEWS** 

# BASIC CONTENT DISPLAY METHODS

**BLOCKS WITHIN REGIONS** 

**NODE DISPLAYS** 

**VIEWS PAGES (AND BLOCKS)** 



# WHERE DO BLOCKS COME FROM?

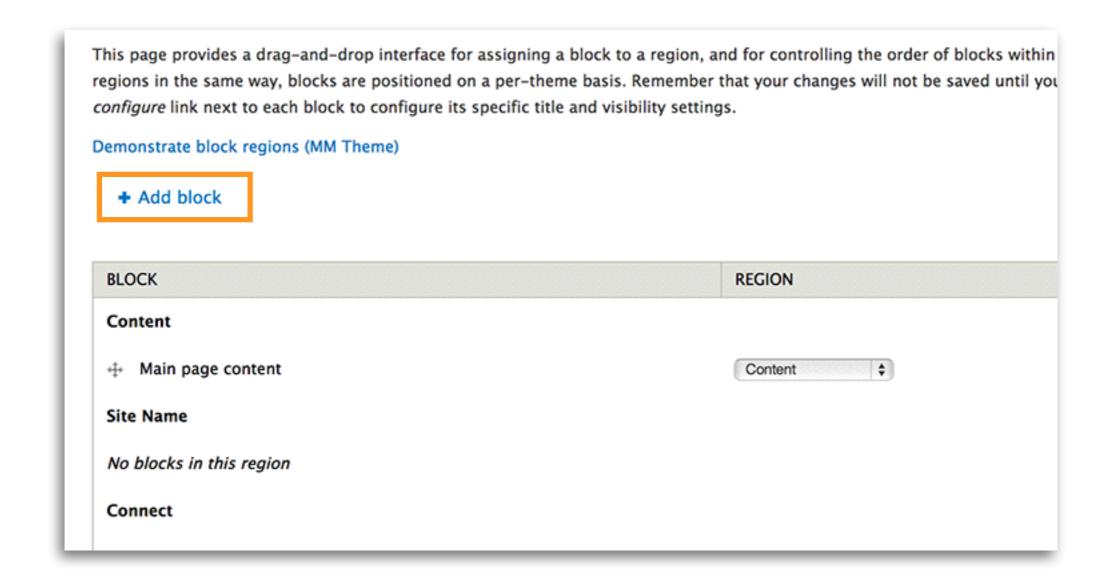
**CORE** 

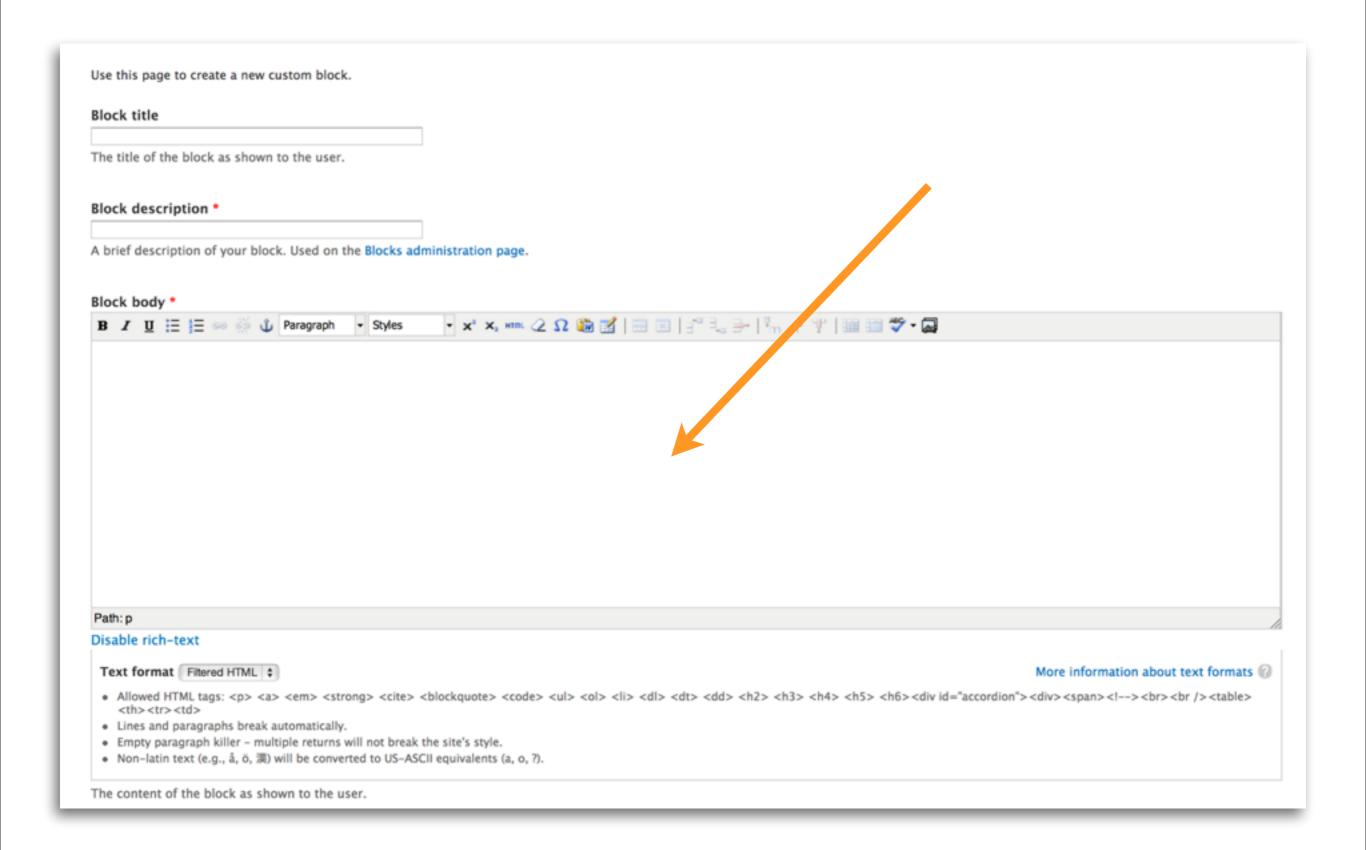
**MAKE YOUR OWN** 

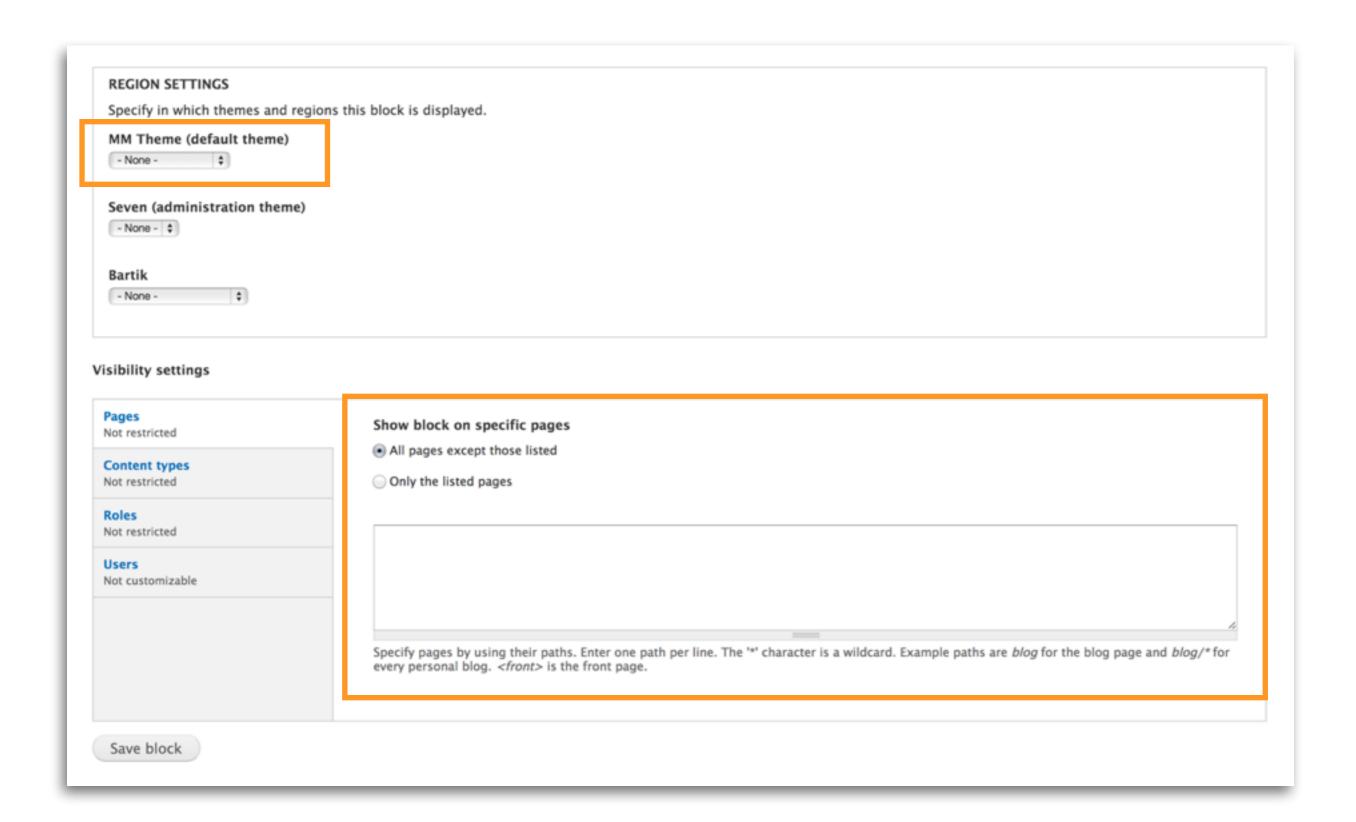
**VIEWS** 

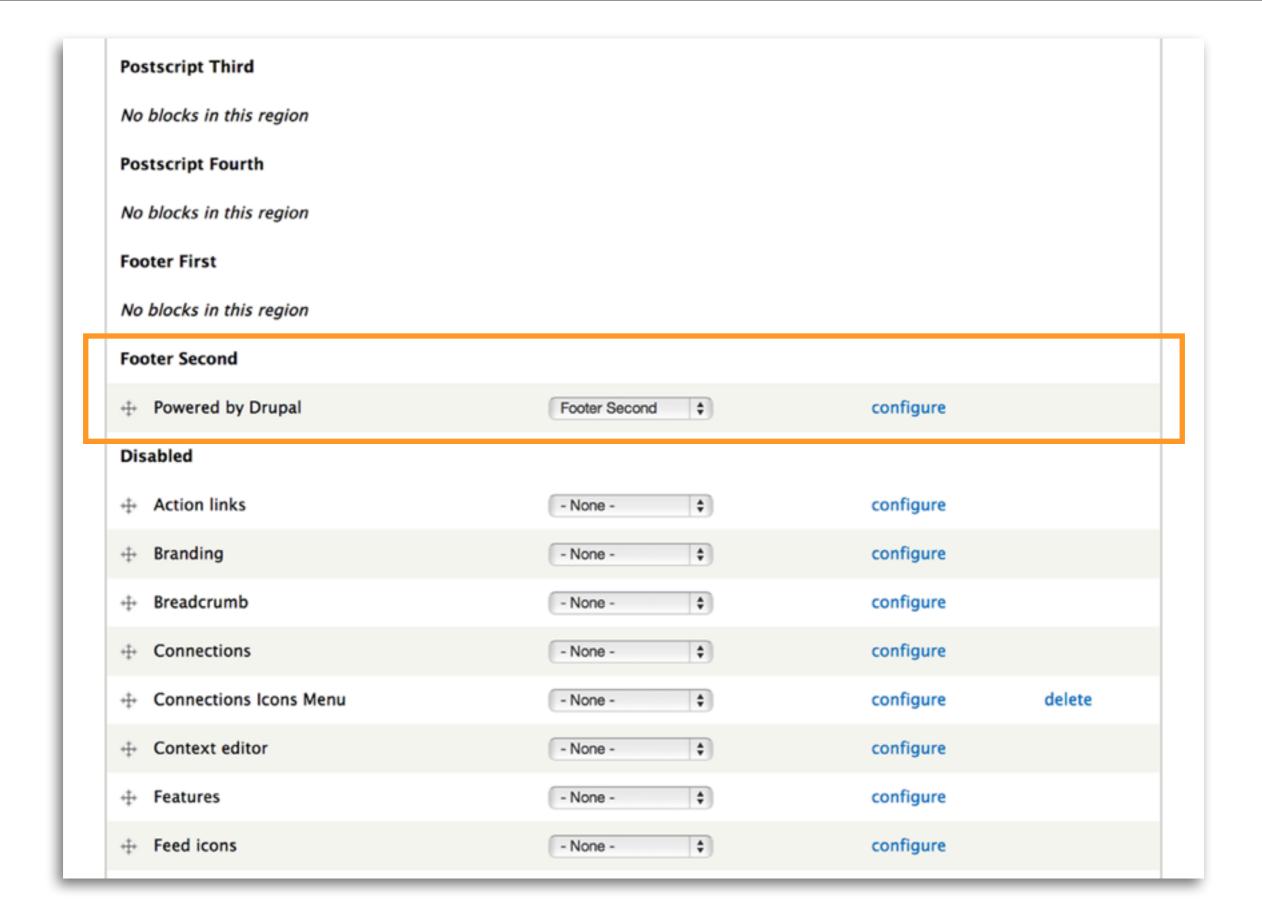
OTHER MODULES

#### /admin/structure/block







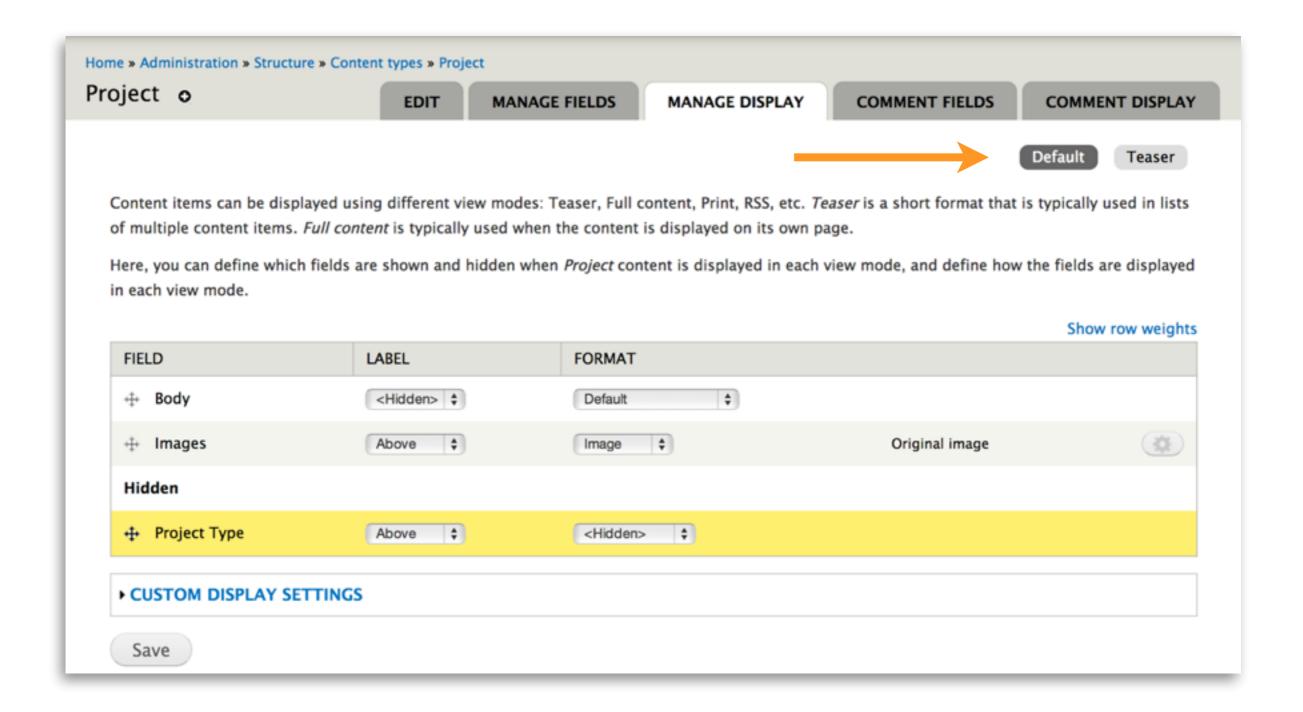


# ADVANCED DISPLAY MODULES\*

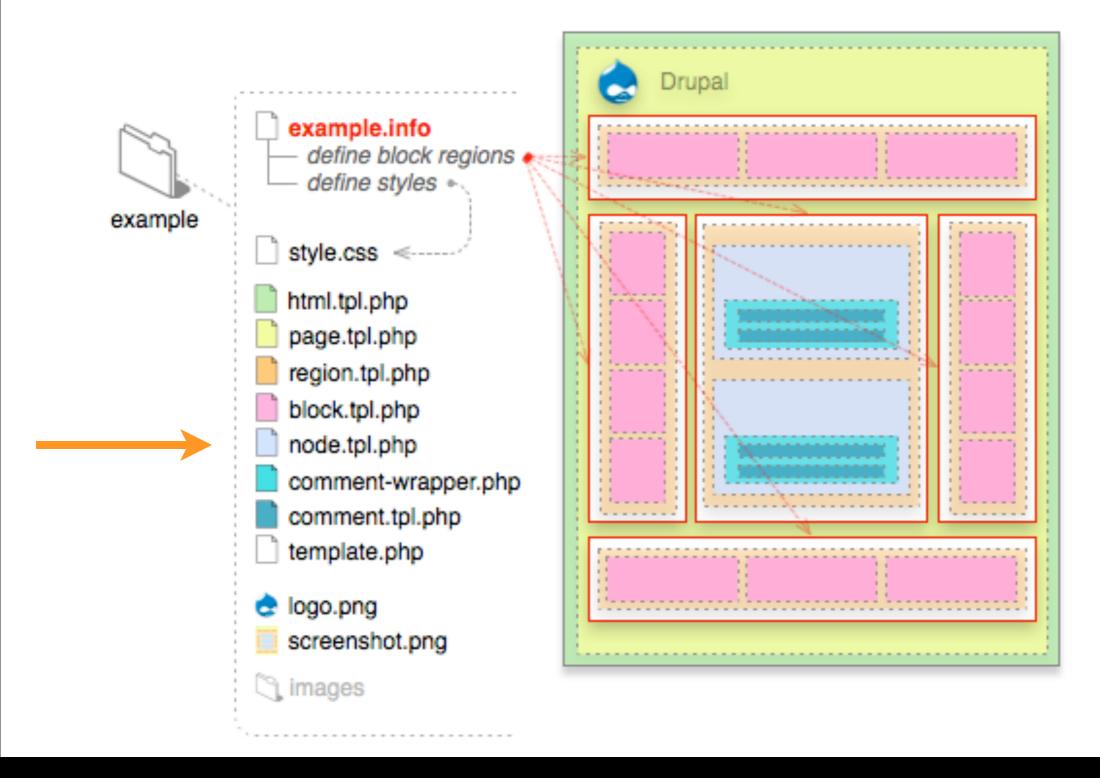
CONTEXT
PANELS
DISPLAY SUITE

\*to explore once you understand the basics

#### **NODE DISPLAYS**



#### **CUSTOM TEMPLATE FILES**



#### **CUSTOM TEMPLATE FILES**

```
<article<?php print $attributes; ?>>
    <?php print render($content['field_book_cover']); ?>
    <header>
        <h1<?php print $title_attributes; ?>><?php print $title ?></h1>
    </header>
    <?php print render($content['field_author']); ?>
    <?php print render($content['body']); ?>
    <div id="tagged-area">
        <?php print render($content['field_category']); ?>
       <?php print render($content['field_textbook_for']); ?>
    </div> <!--/tagged-area -->
    <div id="vendor-area">
        <span class="area-label">Get This Book</span>
        <div id="vendor-links">
            <?php print render($content['field itunes store']); ?>
            <?php print render($content['field_google_play']); ?>
            <?php print render($content['field_print_on_demand']); ?>
            <?php print render($content['field_download_pdf']); ?>
        </div> <!--/vendor-links -->
    </div> <!--/vendor-area -->
    <div id="preview-area">
        <span class="area-label">Screenshots</span>
        <div id="book-preview">
            <?php print render($content['field_preview']); ?>
        </div> <!--/book-preview -->
    </div> <!--/preview-area -->
</article>
```

# VIEWS!

# ADMININTERFACE CONTENT CREATION CONTENT DISPLAY

NAVIGATION

PEOPLE
THEME

#### NAVIGATION

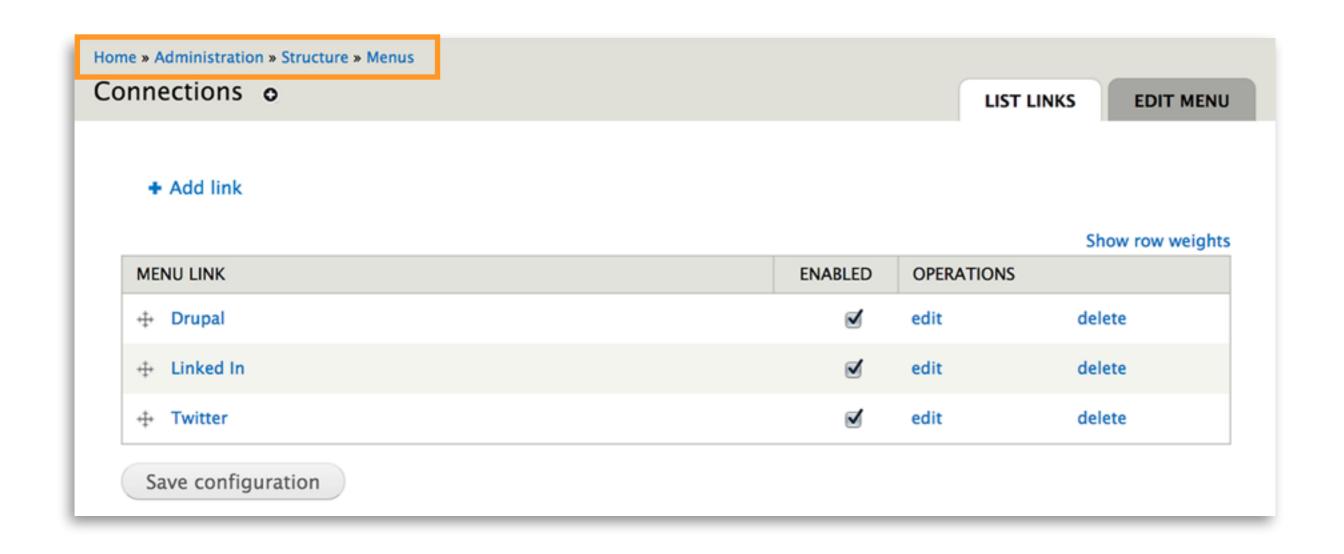
**TIPS** 

**USE CUSTOM MENUS** 

DISABLE THE CORE
MENU BLOCKS AND
USE MENU BLOCK
MODULE

**MODULES** 

**MENU BLOCK** 



## MENU BLOCK

WORKS WITH CORE MENU SYSTEM BUT PROVIDES AN ALTERNATIVE WAY TO DISPLAY

**MAKES MENUS PORTABLE** 

IS AWESOME

This page provides a drag-and-drop interface for assigning a block to a region, and for cont Since not all themes implement the same regions, or display regions in the same way, blocks Remember that your changes will not be saved until you click the Save blocks button at the b next to each block to configure its specific title and visibility settings. Demonstrate block regions (MM Theme) ◆ Add block 
◆ Add menu block BLOCK REGION Content Main page content Content Site Name No blocks in this region

# ADMININTERFACE CONTENT CREATION CONTENT DISPLAY NAVIGATION

**PEOPLE** 

THEME\*

#### **PEOPLE**

#### **TIPS**

DEVELOP ROLE
DEFINITIONS BEFORE
YOU BUILD SITE

DECIDE EARLY, CONFIGURE LATER

#### **MODULES**

**REAL NAME** 

#### /admin/config/people/accounts

#### REGISTRATION AND CANCELLATION

#### Who can register accounts?

- Administrators only
- Visitors
- Visitors, but administrator approval is required
- ✓ Require e-mail verification when a visitor creates an account.

New users will be required to validate their e-mail address prior to logging into the site, and will be assigned a system-generated password. With this setting disabled, users will be logged in immediately upon registering, and may select their own passwords during registration.

#### When cancelling a user account

- Disable the account and keep its content.
- Disable the account and unpublish its content.
- Delete the account and make its content belong to the Anonymous user.
- Delete the account and its content.

Users with the Select method for cancelling account or Administer users permissions can override this default method.

Roles allow you to fine tune the security and administration of Drupal. A role defines a group of users that have certain privileges as defined on the permissions page. Examples of roles include: anonymous user, authenticated user, moderator, administrator and so on. In this area you will define the names and order of the roles on your site. It is recommended to order your roles from least permissive (anonymous user) to most permissive (administrator). To delete a role choose "edit role".

By default, Drupal comes with two user roles:

- . Anonymous user: this role is used for users that don't have a user account or that are not authenticated.
- · Authenticated user: this role is automatically granted to all logged in users.

NAME

# anonymous user (locked)

# authenticated user (locked)

# Content Manager

# administrator

# administrator

# Add role

Save order

| PERMISSION  | ANONYMOUS<br>USER | AUTHENTICATED<br>USER | CONTENT<br>MANAGER | ADMINISTRATOR |
|---|-------------------|-----------------------|--------------------|---------------|
| Access the LESS settings page and view debug messages.  |                   |                       |                    |               |
| Media   |                   |                       |                    |               |
| Import media files from the local filesystem Simple file importer   |                   |                       |                    | ⋖             |
| Menu  |                   |                       |                    |               |
| Administer menus and menu items   |                   |                       |                    | ⋖             |
| Module filter   |                   |                       |                    |               |
| Administer Module Filter Configure how Module Filter performs.  |                   |                       |                    | ⋖             |
| Node  |                   |                       |                    |               |
| Bypass content access control  View, edit and delete all content regardless of permission restrictions. Warning: Give to trusted roles only; this permission has security implications. |                   |                       |                    | ⋖             |
| Administer content types  Warning: Give to trusted roles only; this permission has security implications.   |                   |                       |                    | ⋖             |
| Administer content  Warning: Give to trusted roles only; this permission has security implications.   |                   |                       |                    | ⋖             |
| Access the content overview page  |                   |                       |                    | ⋖             |
| View published content  | ⋖                 | €                     | ⋖                  | ⋖             |

### ADMIN INTERFACE CONTENT CREATION CONTENT DISPLAY NAVIGATION **PEOPLE**

THEME\*

#### THEME

#### **TIPS**

MASTER A BASE THEME

LEARN A CSS PREPROCESSOR

#### **MODULES**

**BLOCK CLASS** 

**BROWSER CLASS** 

**FIT VIDS** 

**ADAPTIVE IMAGE** 

## WHAT'S NEXT?

## EXPAND & PERSONALIZE EACH OF THE SIX\* CATEGORIES

(\*or more)

# LEARN FEATURES!

(you'll thank me for this one as well)

# CREATE YOUR OWNINSTALL PROFILE

# QUESTIONS?