
Create Image Galleries and Slide Shows Documentation

Release 0

Melissa Anderson

December 22, 2011

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BUILD IMAGE GALLERIES AND SLIDESHOWS

1.1 Staple

1. <http://drupal.org/project/ctools> - Enable Chaos Tools (all others are not needed)
2. <http://drupal.org/project/views> - Enable Views and Views UI
3. <http://drupal.org/project/libraries> - Enable Libraries
4. http://drupal.org/project/views_slideshow - Enable Views Slideshow

Drush users:

```
drush dl ctools views libraries views_slideshow
drush en ctools views views_ui libraries views_slideshow -y
```

1.2 Speciality

Views Slideshow module uses two external libraries.

Required for basic slide show functionality:

1. Visit <http://malsup.com/jquery/cycle/download.html>
2. Right-click the link to “Cycle Plugin”
3. Save the link into `sites/all/libraries/jquery.cycle` so that the final path looks like `sites/all/libraries/jquery.cycle/jquery.cycle.all.js`

Recommended for advanced features:

1. Visit <https://github.com/douglascrockford/JSON-js/downloads> and download the appropriate format, .zip or .tar.gz, for your environment.
2. Extract to `sites/all/libraries`
3. Rename the directory (which begins with `douglascrockford-`) to `json2` so that the final path looks like: `sites/all/libraries/json2/json2.js`

1.3 Part 1: Build the form for creating galleries

1.3.1 Step 1.1: Add a new content type called Gallery

Structure > Content types > +Add new content type

Name: Gallery

Description: Create an image gallery with slide show controls.

Submission Form Settings	Title field label: Gallery name
Publishing Options	<input type="checkbox"/> Published (Check only this option; uncheck others)
Display Settings	<input type="checkbox"/> Display author and date information (Uncheck this)
Comment Settings	Closed (Select Closed)
Menu Settings	<input type="checkbox"/> Uncheck all menus

1.3.2 Step 1.2: Add an image field

Structure > Content types > Gallery > Manage fields

Add new field

1. Label: Gallery Image
2. Field name: gallery_image
3. Type of data to store: Image
4. Form element to edit the data: Image

Field Settings

Leave as is. Public files selected, no default image

GALLERY Settings

There are a lot of settings here! Accept the defaults EXCEPT the following:

File directory: gallery

Minimum image resolution: 480 x 360

We'll be displaying Drupal's pre-formatted Large image size of 480 x 360. By requiring images to be at least that large here, we can prevent jarring changes in size and eliminate white space between main images and thumbnails.

☐ Enable Title field

GALLERY IMAGE Field Settings

Number of values: 10

1.3.3 Step 1.3: Create proper paths

Configuration > Search and Metadata: URL aliases > Patterns

Later on, we'll be creating a landing page at /galleries, so we're adding that to the path now.

Pattern for all Gallery paths: galleries/[node:title]

1.3.4 Step 1.4: Create a test gallery

Content > Add content > Gallery

1. Gallery name: Test Gallery
2. Body text: Optional
3. Browse and upload at least 4 images, giving each one a title.
4. Check the URL pattern is what you expect, something like: <http://tests.l/galleries/test-gallery>

1.3.5 Step 1.5: Hide the default display of images

Structure > Content types > Gallery > Manage display

1. Set the Default display setting format for Image to Hidden.
2. Verify the Teaser display format is hidden. It should already be set that way.
3. Go to Content and view the gallery you created in step 1.4
4. You should see nothing but body text you entered.

1.4 Step 2: Create custom image sizes

1.4.1 Gallery thumbnails

Configuration > Media > Image styles > +Add style

The thumbnail settings are chosen so the images stay mostly proportional to an 800 x 600 original and so five thumbnails fit width-wise under the 480 x 360 Large image style that comes with Drupal by default.

1. Image style name: gallery_thumb
2. In Effect, choose Scale and crop, then click Add
3. Width: 90
4. Height: 70
5. Click the Add effect button (Your changes are saved; the button on the next page is just for reordering the effects)

1.4.2 Index thumbnails

Configuration > Media > Image styles > +Add style

Add a second style for the index of galleries on the site.

1. Click +Add style again

2. Image style name: gallery_index
3. In Effect, choose Scale and crop, then click Add
4. Width: 180
5. Height: 140
6. Click the Add effect button (Your changes are saved; the button on the next page is just for reordering the effects)

1.5 Step 3: Create the galleries

Views delivers extraordinary power to the non-programmer, and the price is a densely-packed interface. We describe the steps below, but there's a place where the screen cast is worth a thousand words!

1.5.1 3.1: Create the actual gallery display

Structure > Views > +Add new view

On the introductory Views page:

1. View name: Gallery
2. Show content of type Gallery sorted by Newest first
3. ☐ Uncheck Page
4. ☐ Check Block
5. Block title: Gallery
6. Display format: Slideshow of fields
7. Items per page: (Leave this blank)
8. Continue & Edit
9. Save

In main Views interface, we'll configure three areas:

- 3.1.1 - available fields
- 3.1.2 - row style settings,
- 3.1.3 - the contextual filter.

We'll set them up in this order because they depend upon each other, even though they're visually in a different order.

3.1.1 Add Fields

First, add the main gallery image:

1. Fields: add
2. From the popup, select: Content: Gallery image
3. Appears in: node:gallery.
4. ☐ Remove the check in the box Create a label
5. Set the Image style to large.

6. Multiple Field Values: Uncheck Display all values in the same row
7. Apply (All displays)

Second, add the thumbnail gallery images. Much like the first step:

1. Fields: add
2. From the popup, select: Content: Gallery image
3. Appears in: node:gallery.
4. ☐ Remove the check in the box Create a label
5. ☐ Check Exclude from display
6. Set the Image style to gallery_thumb.
7. Multiple Field Values: Uncheck Display all values in the same row
8. Apply (All displays)

Next, add the title.

1. Fields: add
2. From the popup, select: Content: Gallery image
3. Appears in: node:gallery
4. ☐ Remove the check in the box Create a label
5. Leave other visible settings at their default
6. Multiple Field Values: Uncheck Display all values in the same row
7. Expand Rewrite Results
8. Rewrite the output of this field
9. In the text field, enter [field_gallery_image_2-title] (View the available patterns by expanding Replacement patterns.)
10. Apply (all displays)

You now have three fields, all named the same thing but configured differently, the main image, the thumbnails, and the image titles.

Finally, remove the Content Title since it's the name of the gallery (redundant) and not the name of the image.

1. Click the link Content: Title
2. Scroll and click Remove

3.1.2 Format

1. Format: Settings
2. In the Top Widgets section, check Controls.
3. In the Bottom Widgets section, check Pager and choose the middle instance of
4. Content: Gallery Image
5. Apply (All displays)

3.1.3 Advanced

1. Contextual Filter (Add)
2. Content: Nid
3. Choose Provide a default value > Type: Content ID from URL
4. Apply (All displays)

Be sure to save the view!

1.5.2 3.2: Place and configure the block

Structure > Blocks > Views: Galleries > Configure

By configuring the block to display only on Gallery content types we prevent it from being called on a view, and by listing it only on specific pages we prevent it from appearing on the Edit tab.

Block title: <none> Region Settings Custom (default theme) Content Visibility Settings

Pages	Only the listed pages (Select this and enter the text below) galleries*
Content types	<input type="checkbox"/> Gallery (Check only this option)
Roles	(Leave as is)
Users	(Leave as is)

1.6 Step 4: Create an index of all galleries

Structure > Views > +Add new view

You could create the gallery index page in the same view as the gallery block by adding a Page display, but the settings are different enough that they don't gain a lot by sharing defaults, so we'll create this as a separate view.

1.6.1 4.1 Add a new view

Intro screen

1. View name: Galleries
2. Show Content of type Gallery sorted by Newest first
3. ☐ Create a page
4. Page title: Galleries
5. Display format: Grid of fields
6. ☐ Create a menu link
7. Menu: Main menu
8. Menu link title: Galleries
9. Save and continue

Fields

Add

1. Gallery image
2. ☐ Uncheck Create a label
3. Formatter: Image (no change)
4. Image style: medium
5. Link image to: Content
6. Apply (all displays)
7. Save

Be sure to save the view!

1.7 Part 5: Style the Gallery

1.7.1 5.1 Open custom.css

You can edit your style sheet any way that is comfortable for you. If you need more support than the username and password for your sandbox, see [Connecting to your sandbox with sFTP](http://training.Opensourcery.com/basics/sftp) at <http://training.Opensourcery.com/basics/sftp>

1.7.2 5.2 Add gallery styling

Add the following CSS to `/sites/all/themes/custom/css/custom.css`

```
#block-views-galleries-block-1 {
  background: #eee;
  width: 500px;
  padding: 20px 0 20px 20px;
}

.views-field-field-gallery-image-2,
.views-slideshow-controls-bottom {
  width: 480px;
}

.views-slideshow-controls-bottom div {
  display: inline;
}

.views-slideshow-controls-text-pause,
.views-slideshow-controls-text-previous {
  padding-right: 4px;
  border-right: 1px solid ;
}
```

1.8 Step 6: Set and test permissions

People > Permissions

If you are not using the Test Kitchen Install Profile or if you are new to the idea of users, roles, permissions or masquerade, see <http://training.opensourcery.com/basics>

1.8.1 6.1 Set permissions

Set permissions as follows:

Author	Editor	Admin
<input type="checkbox"/> Gallery: Create new content	<input type="checkbox"/> Gallery: Create new content	<input type="checkbox"/> Gallery: Create new content
<input type="checkbox"/> Gallery: Edit own content	<input type="checkbox"/> Gallery: Edit own content	<input type="checkbox"/> Gallery: Edit own content
<input type="checkbox"/> Gallery: Edit any content	<input type="checkbox"/> Gallery: Edit any content	<input type="checkbox"/> Gallery: Edit any content
<input type="checkbox"/> Gallery: Delete own content	<input type="checkbox"/> Gallery: Delete own content	<input type="checkbox"/> Gallery: Delete own content
<input type="checkbox"/> Gallery: Delete any content	<input type="checkbox"/> Gallery: Delete any content	<input type="checkbox"/> Gallery: Delete any content

1.8.2 6.2 Test Author privileges

Masquerade as Test Author and ensure you CAN:

1. Create a gallery
2. Edit that gallery
3. Delete that gallery

Ensure you CANNOT:

1. Edit galleries you didn't create
2. Delete galleries you didn't create

When you're done, remember to Switch back

1.8.3 6.3 Test Editor privileges

Masquerade as Test Editor and ensure you CAN:

1. Create a gallery
2. Edit that gallery
3. Delete that gallery
4. Edit a gallery you didn't create
5. Delete a gallery you didn't create

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*