

How to create a Media Gallery with Site Building Tools

Badcamp 2013

Ursula Pieper ([drupal.org: ursula](http://drupal.org:ursula))

Link to the tutorial:

<http://upsitesweb.com/blog>

First version: media_gallery

- Features:
 - Easy upload
 - Easy resorting of gallery entries
 - Nice gallery summary page
 - Can open pictures on color box
 - (Show example)

Media gallery

- Problems:
 - Media gallery only uses color box as lightbox
 - Colorbox is not reliable. Frequently, only a sliver of the slide is displayed for the first picture in the slideshow (probably loading issue).
 - Colorbox doesn't adjust well for changing screen sizes.
 - Colorbox has a js conflict with TB megamenu (which I have since abandoned anyway)
 - Media gallery is not responsive out of the box.

Other galleries tested

- Galleria: https://drupal.org/project/views_slideshow_galleria
- cincopa (<http://www.cincopa.com/media-platform/drupal-gallery>): stores images on external web-site
- juicebox (<http://webwash.net/tutorials/create-responsive-image-galleries-drupal-7-juicebox>): wrong type of gallery (large picture with thumbnails)
- Gallery2 module (<http://kb.greengeeks.com/3215/drupal-gallery/>)
- Summary of modules and methods (<http://www.symphonythemes.com/drupal-blog/5-best-drupal-slideshows>)

Building your own

- For the control freak -> Get exactly what you want
- Going step by step like a recipe

Building your own

- Disable module toolbar
- Download modules: lightbox2, views, field_collection, field_collection_views, epsacrop, libraries, admin_menu
- Enable image, lightbox2, views, views_ui, field_collection, field_collection_views, epsacrop, libraries, admin_menu

Create content type Image Gallery

- Configuration -> Structure -> Content types -> add
- Main settings:
 - Published
 - Display author/etc
 - Close comments
 - No menu
- Add fields
 - Title
 - Gallery Image (Field collection item) - No default value, Unlimited entries
- Manage display
 - Gallery Image: Hide label,

Install libraries

- Epsacrop requirements: Install Json2 (<https://github.com/douglascrockford/JSON-js>) and Jcrop (<http://deepliquid.com/content/Jcrop.html>)
- `unzip ~/Desktop/JSON-js-master.zip`
- `tar -zxvf ~/Desktop/tapmodo-Jcrop-v0.9.12-0-g1902fbc.tar.gz`
- `mv JSON-js-master json2`
- `mv tapmodo-Jcrop-1902fbc Jcrop`

Create an image style

- Configuration -> Media -> Image styles
- Add style
- Epsacrop thumb
 - Effect: Epsacrop image crop
 - Size: 200x200
 - Anchor: top middle (for humans)

Add Fields to Field collection items

- Structure -> Field Collections
- Add new fields:
 - Image, machine name: galleryimage
Epsacrop settings: epsacrop_thumb
File directory: gallery
Enable "Alt" and "Title"
Preview image: epsacrop_thumb
Number of values: 1
 - Image Title (text)
 - Taxonomy reference (existing field) - autocomplete first
 - Order field (number)
 - Adjust display: for the image: epsacrop_thumb, otherwise, not important

Why the two title fields?

- The two titles are somewhat confusing, but they both have a purpose:
- The Title for the image will be displayed by the lightbox.
- The Title field from the field collection will be displayed underneath each image in the larger gallery view.

Add some content

- Create content of Image gallery content type. Enter several images, enter content into both title fields.
- The content type can be used to create content in different groups, so that the user/editor can group images logically.
- The taxonomy field adds another level of organization

Finally: create the view

- Structure -> Views -> Add new views
- Show: Content of type Image Gallery
- Create Page
- Display Format: unformatted list of fields
Create Menu link
- Continue and edit

Configure Lightbox2

- Configuration -> User Interface -> Lightbox2
- Page specific lightbox2 settings
 - Load only on the listed pages.
 - image-gallery

Views - Main UI

- Advanced -> Relationships -> Add
 - Check: Content: Gallery Image (field_gallery_image)
 - Apply all displays
 - Require this relationship
- Now, the field collection fields are exposed to views, and I can add the image field and the title field of the field collection item to the view

Finish configuring view

- Add fields
 - Field collection item: Image
 - Field collection item: Image Title
 - Apply (all displays)
- Relationship field is already added
- No Label
- Formatter: Lightbox2:lightbox: epsacrop_thumbnail->large
- Title fields: Uncheck “Link to content”
- Apply (all displays)
- Similar for Title.

Configure View - continued

- Add Filter: Content: Gallery Image not empty
- Add another Filter for your desired taxonomy term
- Add a path for your view (needed later)
- Format: Unformatted list (will show each image in one row)
- Save View
- Test view (go to the page)

Minimal styling

- Installed: zen subtheme (out of the box)

- add to style.css:

```
.view-image-gallery .views-row {  
    position: relative;  
    float: left;  
    width: 250px;  
    height: 300px;  
    overflow: hidden;  
    margin: 10px;  
}  
.view-image-gallery img{  
    border: double 3px #ccc;  
    margin: 0;  
}
```

Remaining tasks

- Integrate into Theme
- Style and configure lightbox2

禪 **galleries.upsitesweb.com** [my account](#) [Log](#)

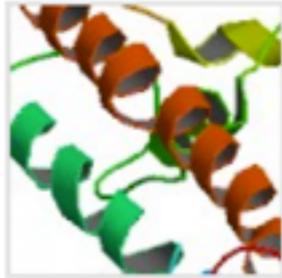
[Home](#) [Image Gallery](#)

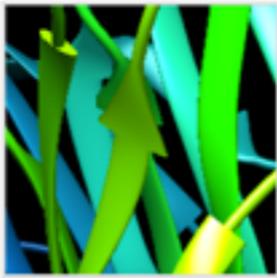
Search

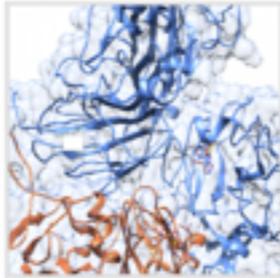
Navigation

• [Add content](#)

[Home](#)
Image Gallery


Claudin


sheets one


factor

Powered by [Drupal](#)

Examples

- Shown in tutorial:
- <http://meaganmiller.com>
- (expected to be public in mid Nov 2013)
- especially show the change in behavior of lightbox 2 when playing with window size

