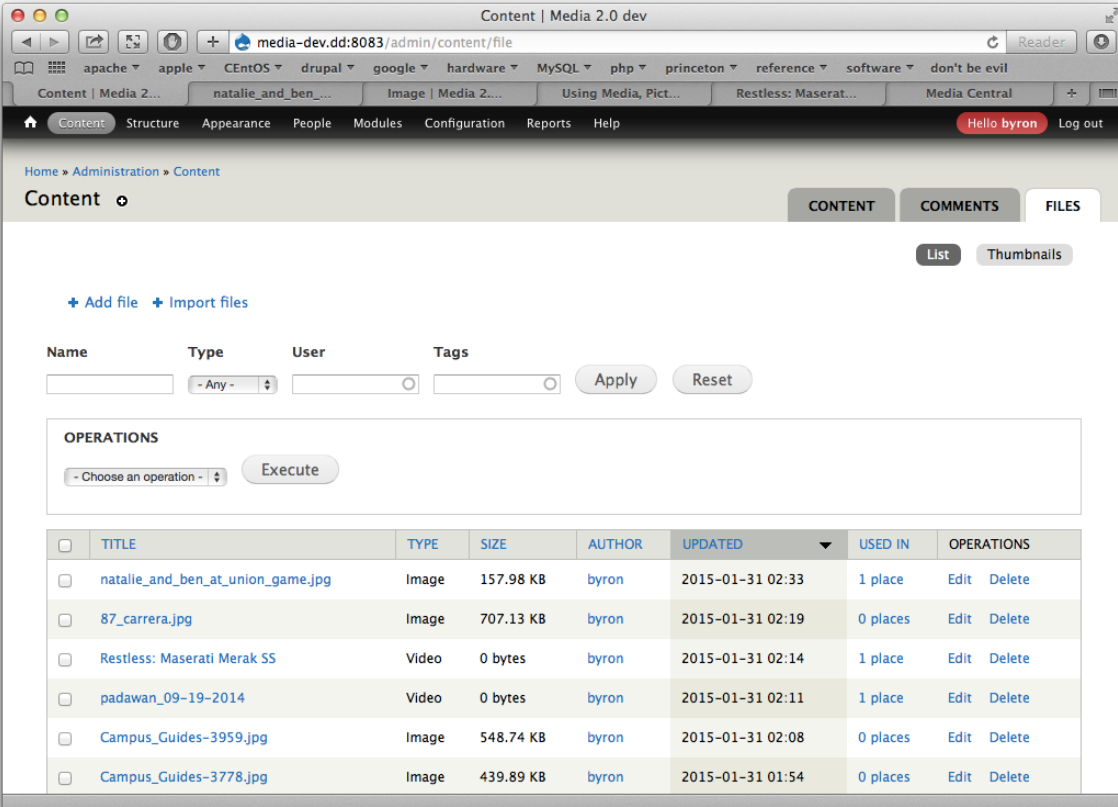


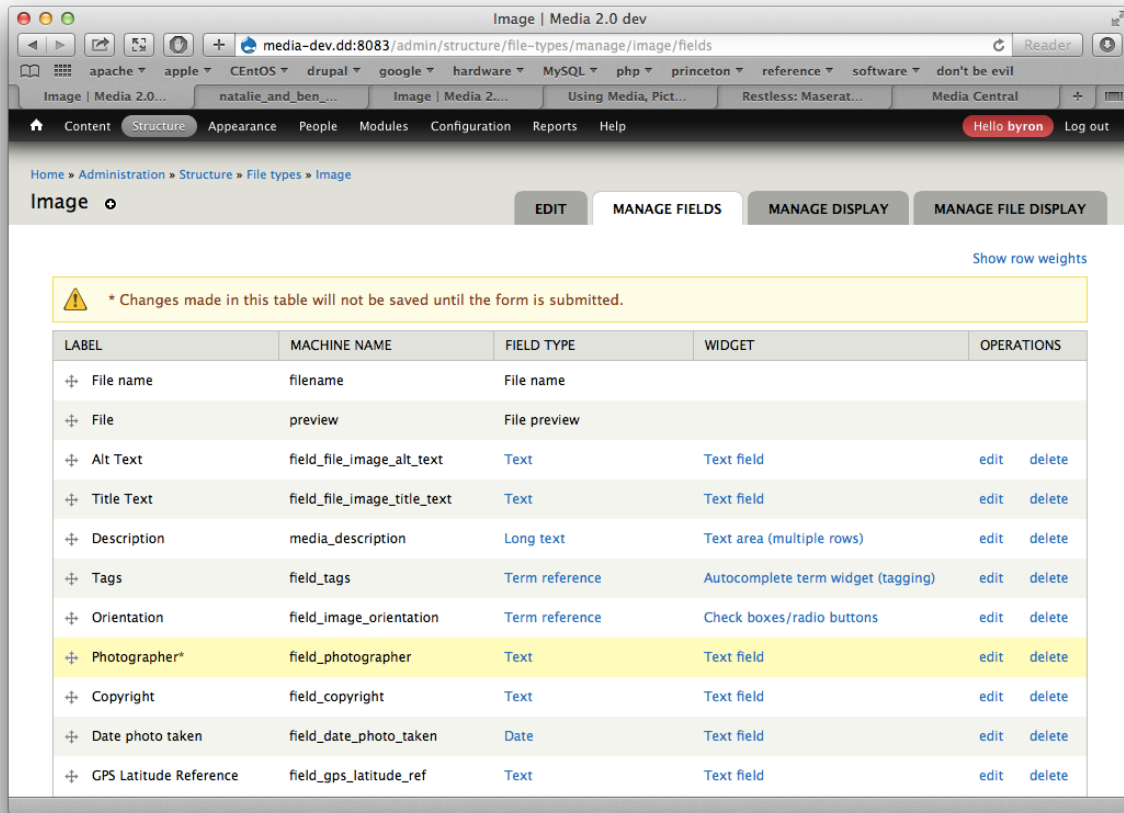
Using Media, Picture, and Focal Point modules

Media gives you a library for your images and attached documents, so they can be reused across nodes, they can be edited in one place.



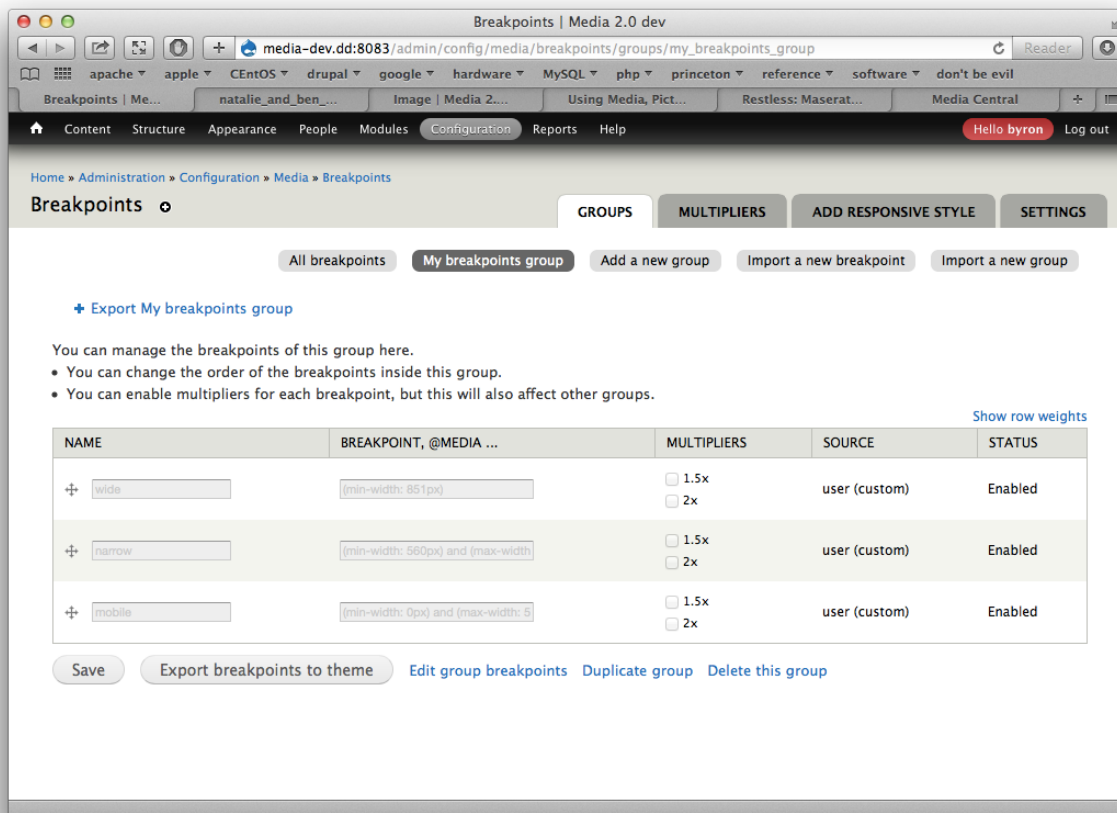
The Media library offers this content page for your files, made better with the use of Administration Views.

Files are field-able entities, so you can expand their usefulness (with fields for captions, photographer, other metadata) and can manage them more easily (through the use of tags, for instance). And you don't have to resort to FTP-ing into your server to, say, manually replace outdated files, among other benefits.

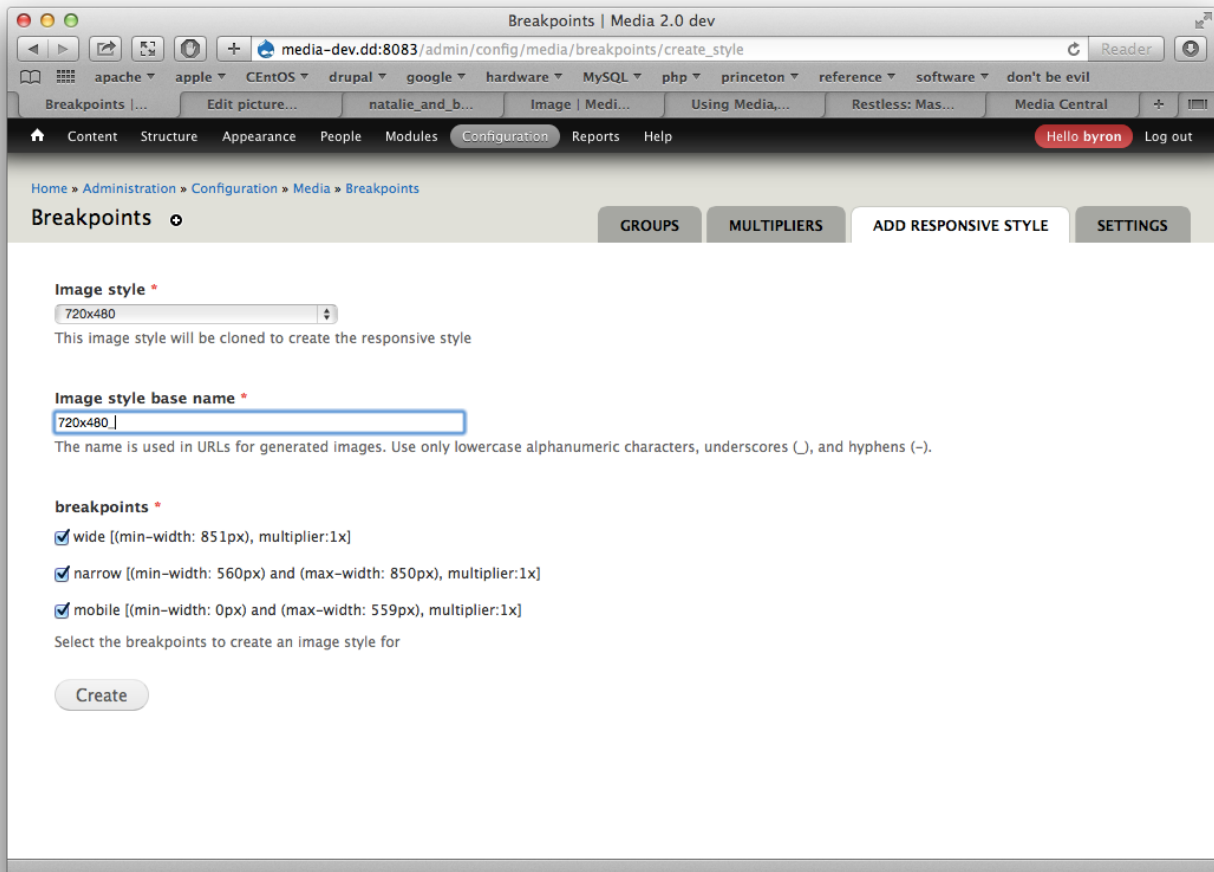


This look familiar? Yes, thanks to File Entity, files are like another content type.

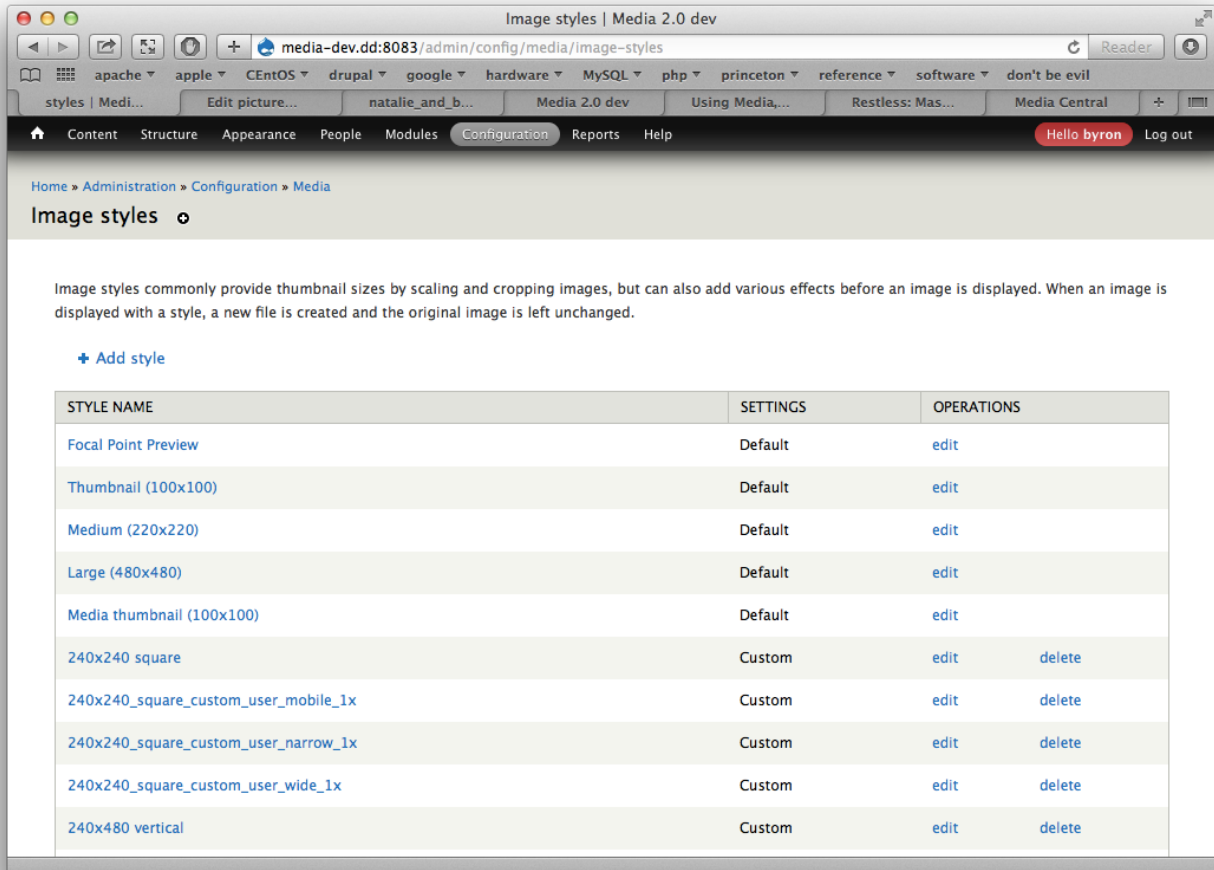
Picture uses HTML5 markup. In conjunction with Breakpoints, it lets you create responsive, mobile-friendly styles for your images by creating groups of image styles (called "picture mappings") that can be applied to image fields.



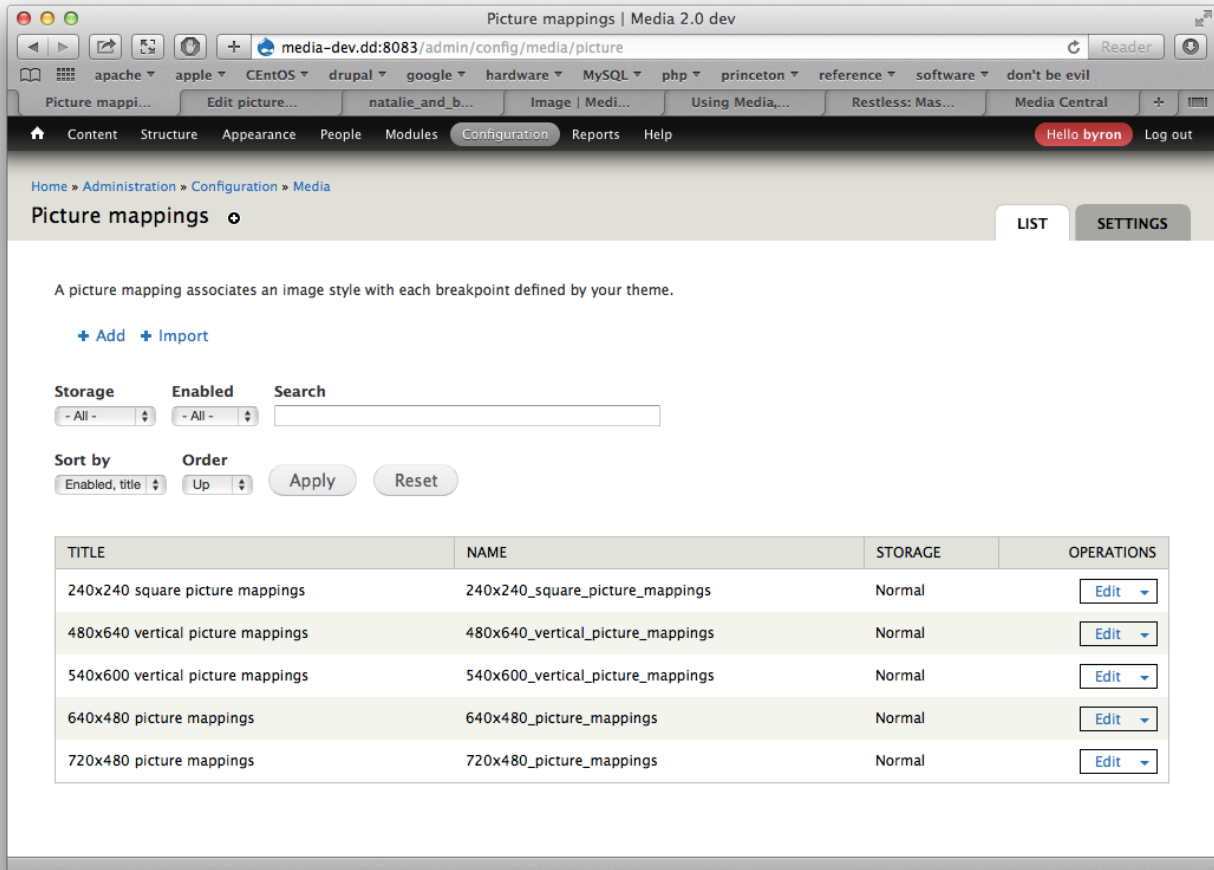
Set your break points to match your mobile-friendly theme...



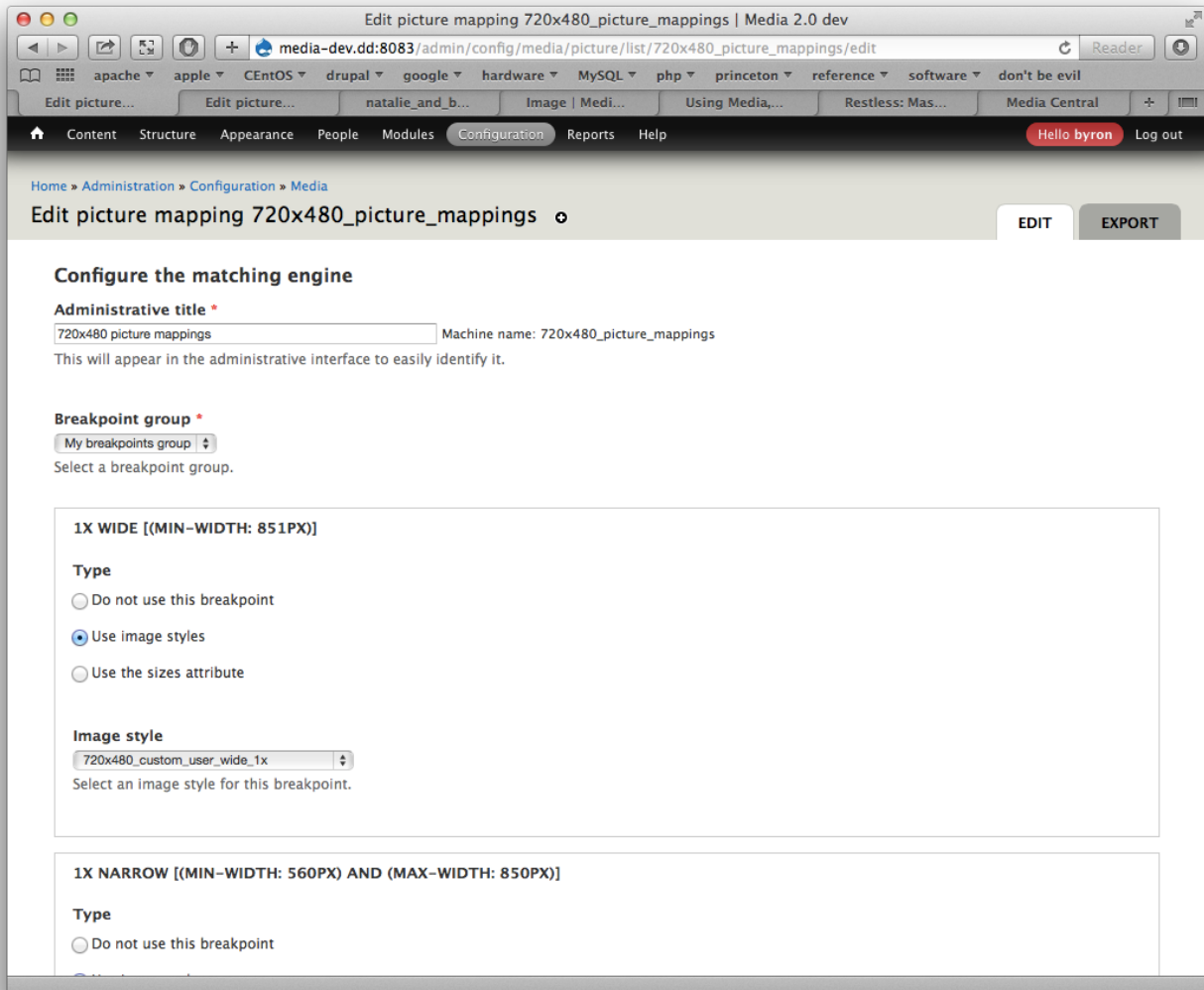
...then let Breakpoints create some image style groups for you based on those break points...



...that you can then tweak under Image styles.



Picture mappings ties it all together, automatically displaying the appropriate image based on the client...



...you just point it toward the image styles Breakpoints set up for you.

Entity View Modes makes it possible to embed your images in various formats, but as entities, so your custom fields can be displayed also.

The screenshot shows the Drupal administration interface for configuring Entity View Modes. The page is titled "Entity view modes" and is located under "Administration > Configuration > System".

NODE

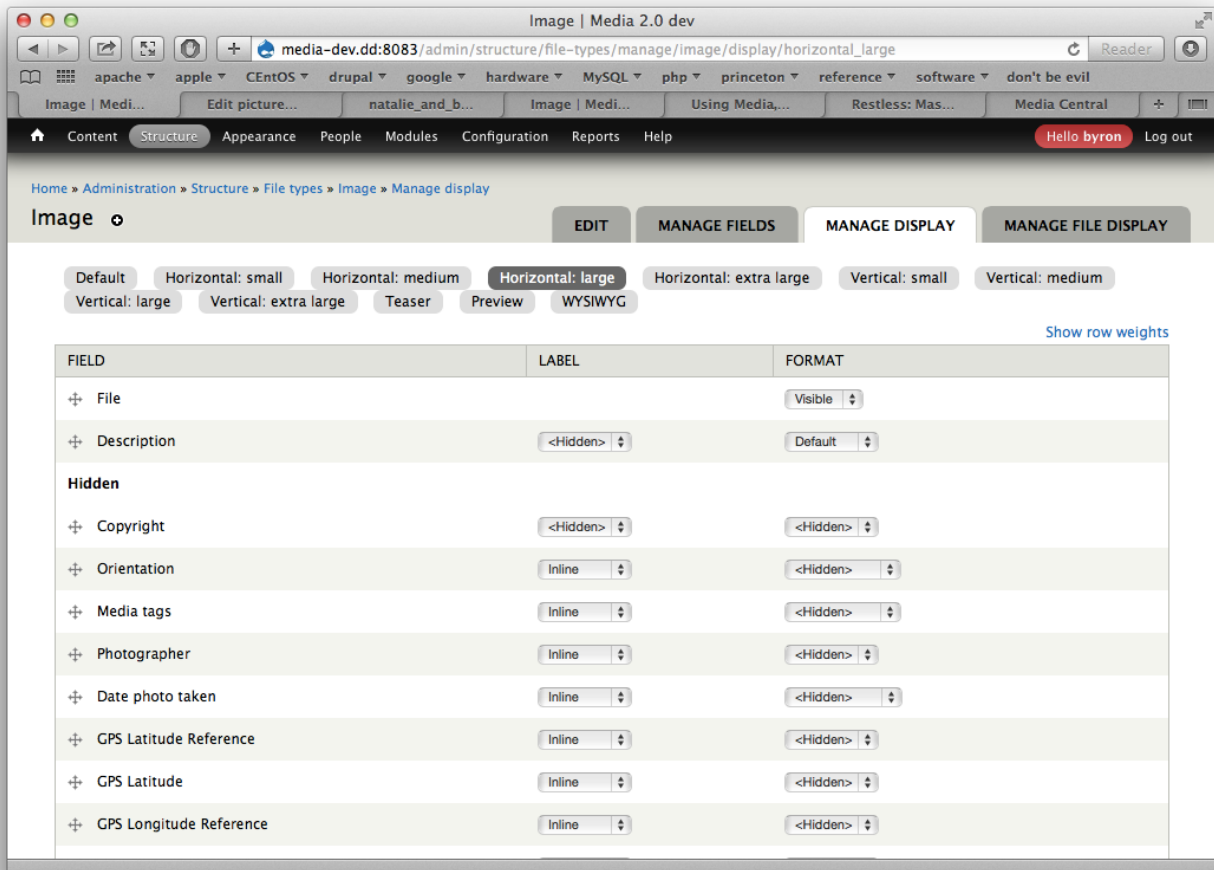
VIEW MODE	TYPE	CUSTOM SETTINGS	OPERATIONS
Full content	In code	No	None (view mode locked)
RSS	In code	No	None (view mode locked)
Search index	In code	No	None (view mode locked)
Search result highlighting input	In code	No	None (view mode locked)
Teaser	In code	Yes	None (view mode locked)
Tokens	In code	No	None (view mode locked)

[Add new view mode](#)

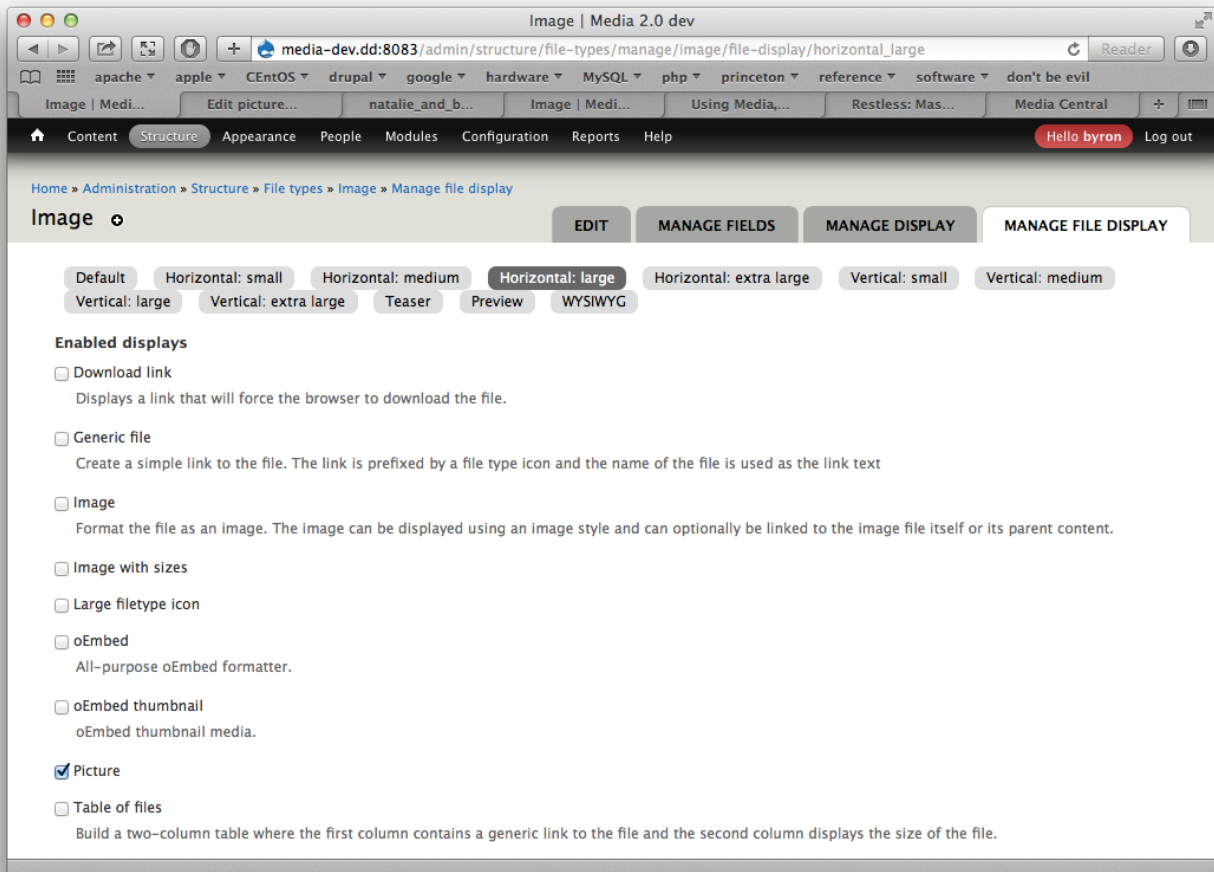
FILE

VIEW MODE	TYPE	CUSTOM SETTINGS	OPERATIONS
Full content	In code	No	None (view mode locked)
Horizontal: extra large	In database	Yes	Edit Delete
Horizontal: large	In database	Yes	Edit Delete
Horizontal: medium	In database	Yes	Edit Delete
Horizontal: small	In database	Yes	Edit Delete

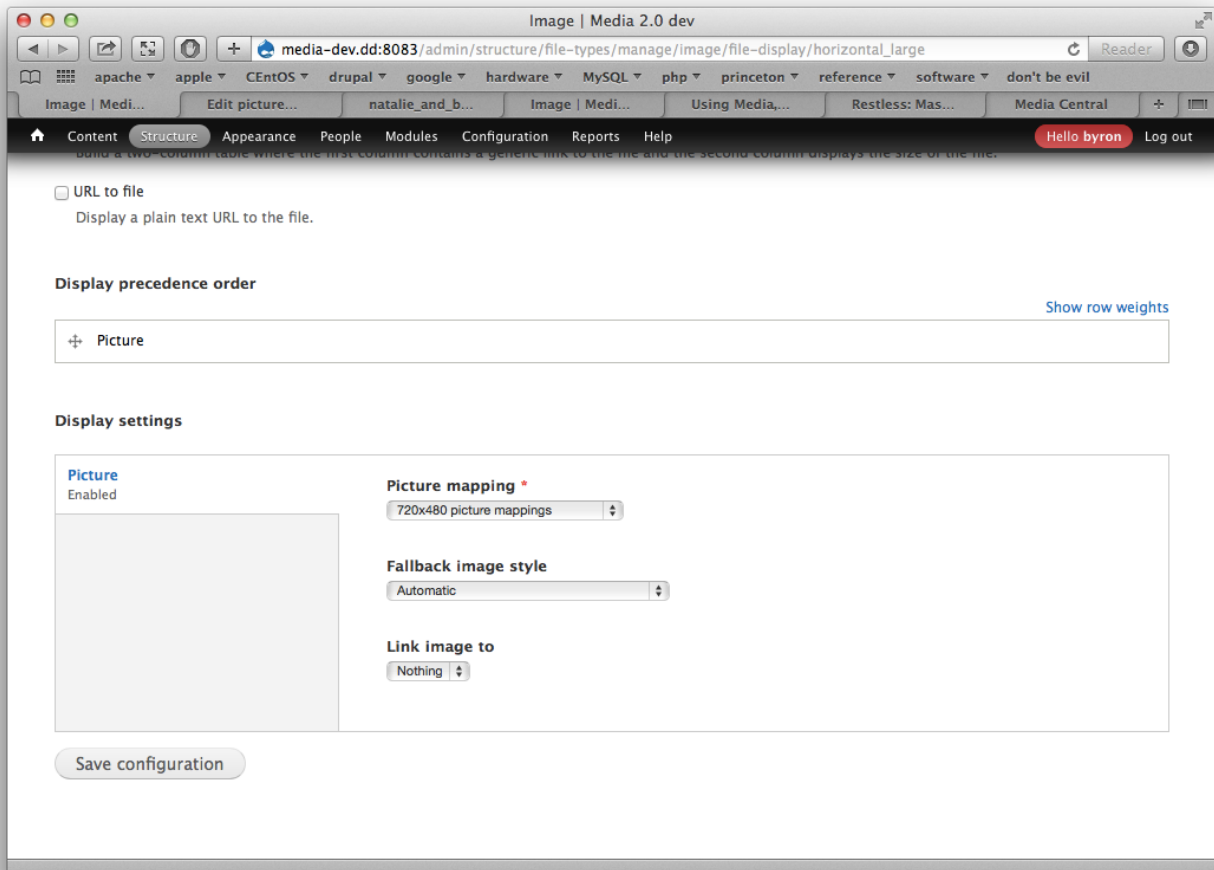
Define your view modes...



...then choose what fields you want to display (look familiar?).



Choose your display mode...



...then set the particulars.

Article | Media 2.0 dev

media-dev.dd:8083/admin/structure/types/manage/article/display

Home » Administration » Structure » Content types » Article

Article

EDIT MANAGE FIELDS MANAGE DISPLAY

Default Teaser

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Article* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

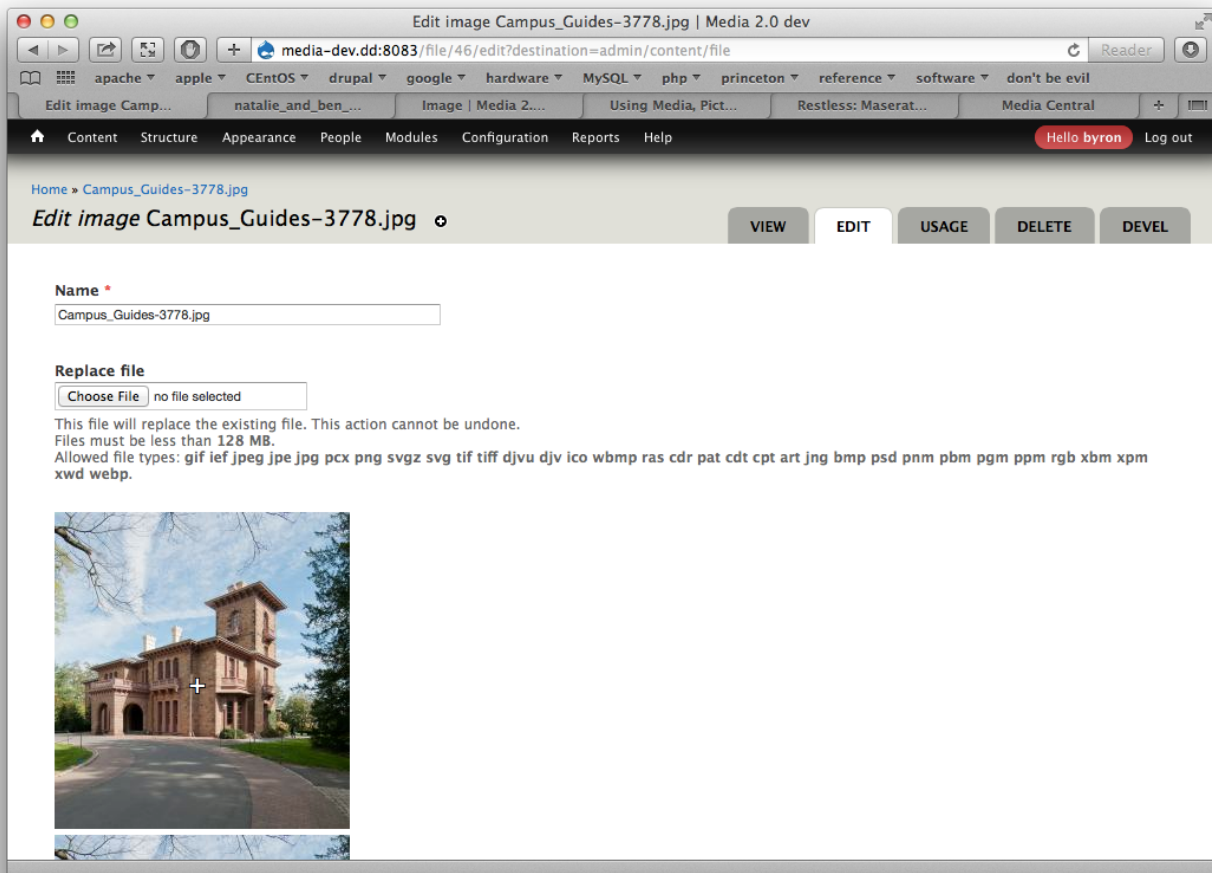
FIELD	LABEL	FORMAT	
+	Image	Generic file Table of files URL to file	Picture mapping: 720x480 picture mappings Automatic fallback
+	Not Image but Media	✓ Rendered file	View mode: <i>Horizontal: large</i>
+	Body	Download link Audio Video	
+	Tags	Large filetype icon <Hidden>	
Hidden			
No field is hidden.			

▶ CUSTOM DISPLAY SETTINGS

Save

You can then select your view modes for display.

Focal Point provides a one-click easy way to control how your images will be cropped by your various image styles.



Set your focal point with the crosshairs, handy when trying to put a vertical peg in a horizontal hole.

Exif Custom lets you convert EXIF and other image metadata into field content associated with your image entities.

The screenshot shows the 'Edit mapping' page in the Drupal administration interface. The page title is 'Edit mapping | Media 2.0 dev'. The breadcrumb trail is 'Home » Administration » Configuration » Content authoring » Custom Exif Mappings'. The page content is a table with three columns: 'EXIF field', 'Example', and 'Mapped to'. The 'Mapped to' column has a dropdown menu open, showing a list of options. The 'Date photo taken' option is highlighted in blue.

EXIF field	Example	Mapped to
EXIF:FILE:FileName	Campus_Guides-8378.jpg	none
EXIF:FILE:FileDateTime	1412192049	File name ✓ none Alt Text Title Text Description Tags Photographer Copyright Date photo taken GPS Latitude Reference GPS Latitude GPS Longitude Reference GPS Longitude GPS Altitude Reference GPS Altitude GPS Processing Mode Orientation Media tags
EXIF:FILE:FileSize	468624	none
EXIF:FILE:FileType	2	
EXIF:FILE:MimeType	image/jpeg	
EXIF:FILE:SectionsFound	ANY_TAG, IFD0, THUMBNAIL, EXIF	
EXIF:COMPUTED:html	width="1266" height="1000"	none

If your photographer uses Lightroom or something similar, you can set up a workflow to automatically capture your images' metadata into fields.

Links:

<https://www.drupal.org/project/media>

<https://www.drupal.org/project/picture>

https://www.drupal.org/project/focal_point

<https://www.drupal.org/project/breakpoints>

https://www.drupal.org/project/file_entity

https://www.drupal.org/project/entity_view_mode

<https://www.drupal.org/project/oembed>

https://www.drupal.org/project/exif_custom

https://www.drupal.org/project/media_dev

https://www.drupal.org/project/admin_views

<https://www.drupal.org/node/1699054>

<https://drupalize.me/blog/201407/drupal-8-has-all-hotness-so-can-drupal-7>

<https://www.ostraining.com/blog/drupal/modules-avoid-drupal-8/>

<http://webwash.net/tutorials/handle-responsive-images-using-picture-module-drupal-7>