



Galleries in Joomla – Joomla 4

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Components in Joomla!

WELCOME

Instructor for this Workshop

School of Arts & Sciences, Web Development

Once you arrive: (YOU MUST BE LOGGED ON VIA VPN)

- Go to the website:
 - a. <https://webtraining.sas.rutgers.edu>
- Open the Administrator Panel:
 - a. <https://webtraining.sas.rutgers.edu/administrator>
- Download this file & Extract the file, it contains images you can use for the class,
<https://sasit.rutgers.edu/images/files/gallery.zip>

WHAT IS JOOMLA?

Joomla! is Content Management System (CMS) software that runs on a web server, and allows you to update your unit's web site through a browser (such as Google Chrome, Mozilla Firefox, or Safari).

A content management system isolates the process of updating information from the more technical aspects of updating a website (such as administration, configuration, and design), and eliminates the need to edit HTML or use web design software.

Visit www.joomla.org and help.joomla.org for more information on Joomla!

WHAT IS A COMPONENT?

A component in Joomla! Is a program that can include more complex information then just a 'plain' Joomla article. These components are referenced as 'mini programs'. They can be as simple as a weblinks manager or as complex as Jevents where events are managed and created and organized.

A Joomla Component might also include a module as well, which can pull the information together.

IGNITE GALLERY

Ignite Gallery is an image gallery tool that has the following functionality benefits:

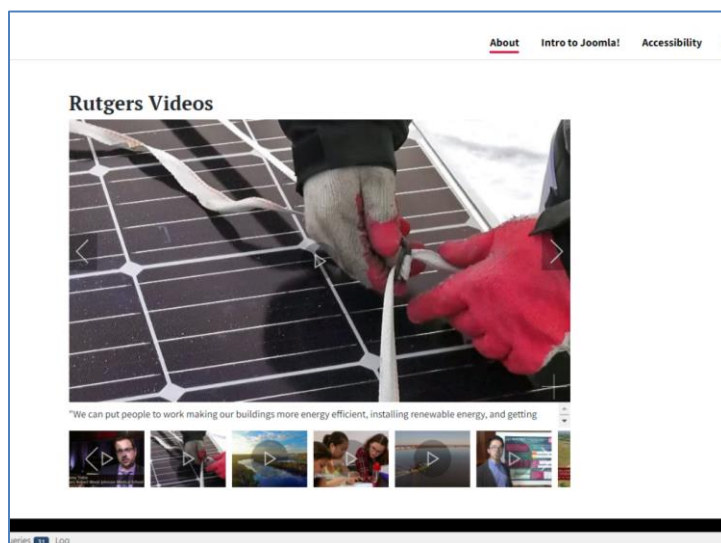
- Display gallery with Thumb-nails only (Responsive)

<https://webtraining.sas.rutgers.edu/academics/undergraduate/research>



- Display gallery as a 'slideshow' with a main image (with or without thumbnails)

<https://webtraining.sas.rutgers.edu/about/videos>



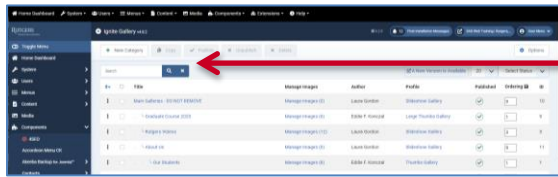
- Can edit images from gallery on FRONT END
- Galleries can be created within nested categories for easy display

If this tool is not installed, please create a work order to request that we install it for you.

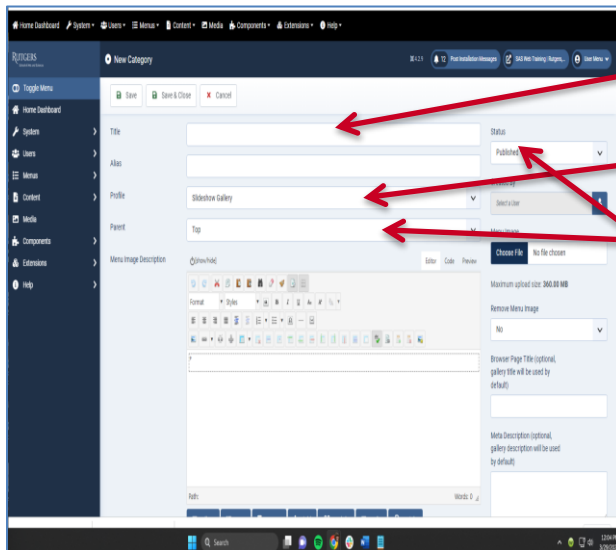
CREATE GALLERY

Components → Ignite Gallery → Category

The category structure can be 'nested' and can have images in each level if needed.



Click New Category



Name of Category

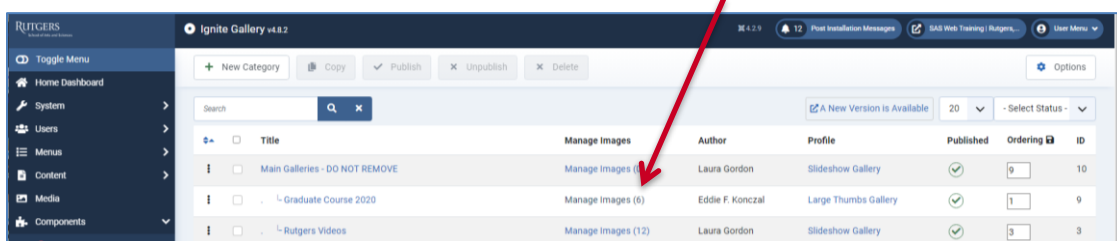
Select the Profile to use (can be changed)

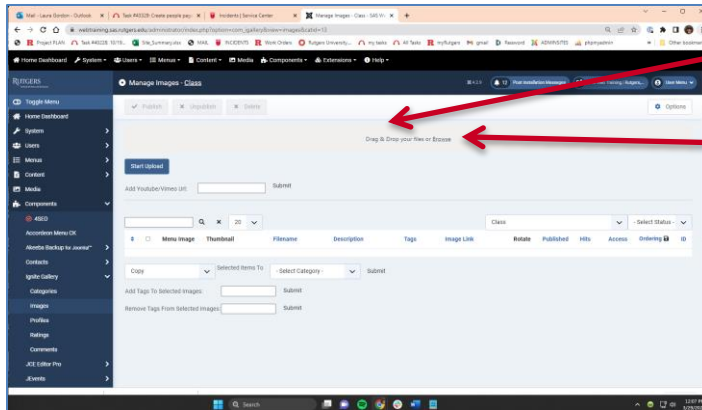
Parent (how the category is 'nested')

Set to PUBLISHED

UPLOAD IMAGES

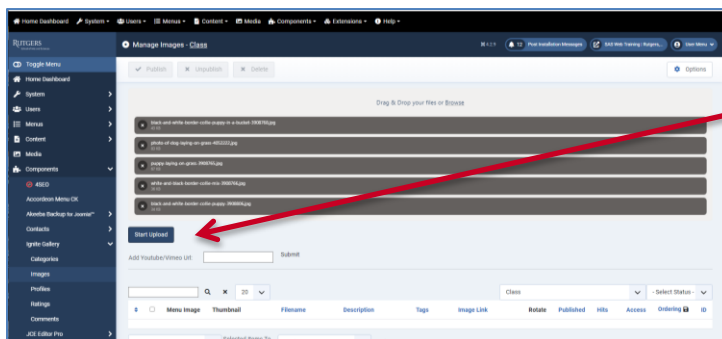
While on the CATEGORY Listing Page, click on the Manage Images (0) link





Drag images into the GRAY box

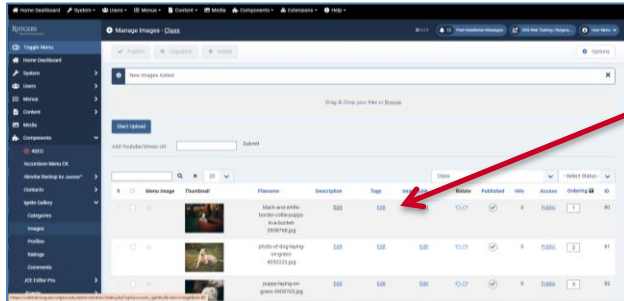
Click Add images button, to get to the 'browse' area.



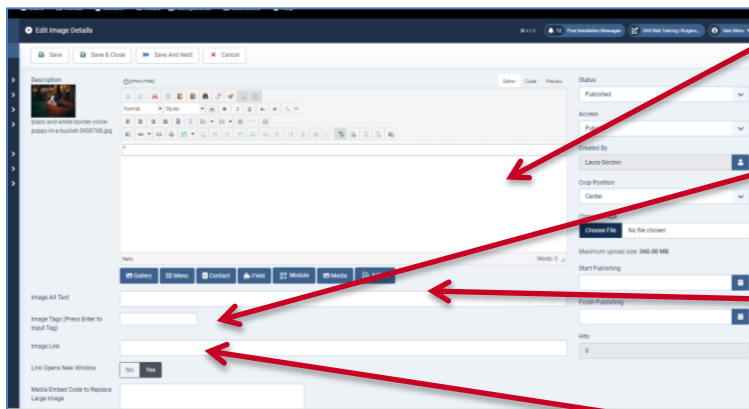
Click 'Start Upload' to upload the images into the gallery.

EDIT IMAGES (DESCRIPTION, ALT TEXT)

While on the Image Listing Page...



Click EDIT under
Description or Tag

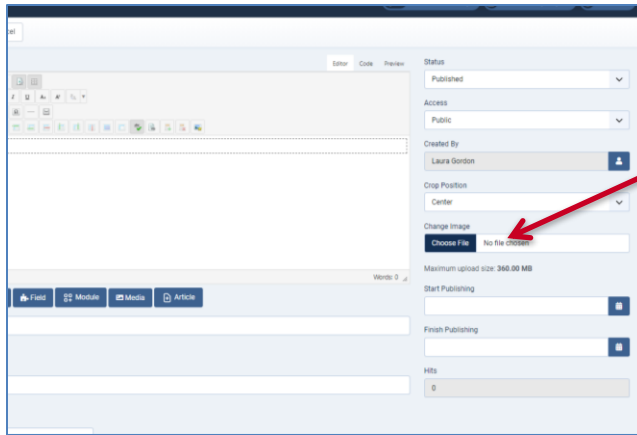


Enter Description

Tags (These can be used to
determine image selection not
required)

Alt Text: This can be used to
display text below thumbnails
(the profile has to be set to
display this text)

Image Link: If on the click on
the image you want to go to a
different page or area, this is
where it is set.



To change the image, click on the 'choose file' button.

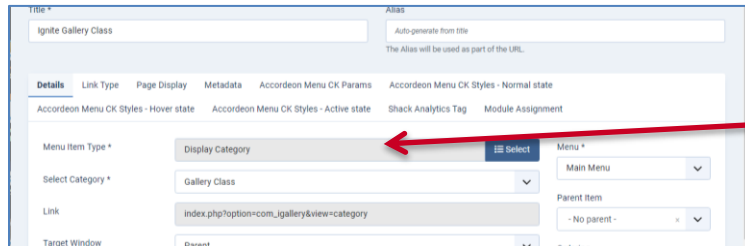
CLASS WORKSHOP

1. Create Category with title = YOURNAME, Set the PARENT GALLERY to be Gallery Class
2. Upload several images into your category
3. Add ALT text to the images
4. Add DESCRIPTION text to the images

ADD IGNITE GALLERY TO WEBSITE

The gallery could be displayed on the website either 'inside' of an article, or with a menu item link.

Display with a Menu Item Link



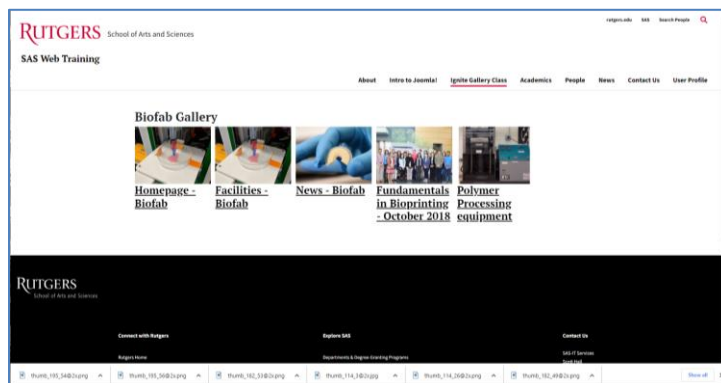
The screenshot shows the configuration interface for an Ignite Gallery. The 'Menu Item Type' dropdown is set to 'Display Category'. A red arrow points from a text box on the right to this dropdown.

Menu Item type:

Ignite Gallery → Display
Category

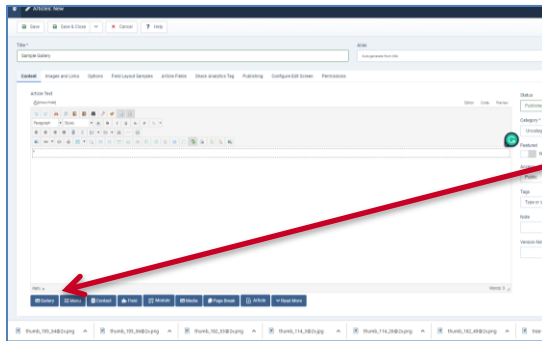
Select the Category to
display

Sample Display:

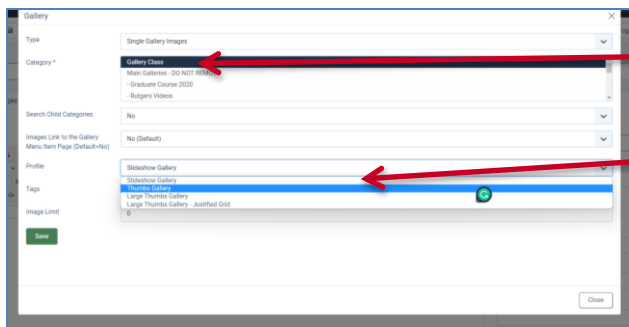


Display Inside of an Article

Edit an Article



Click on Gallery Button underneath the editor to add the gallery.



Select Category to view

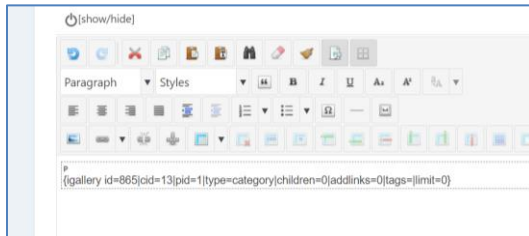
Select the Profile to use (scroll down to see profile option)

Code Layout:

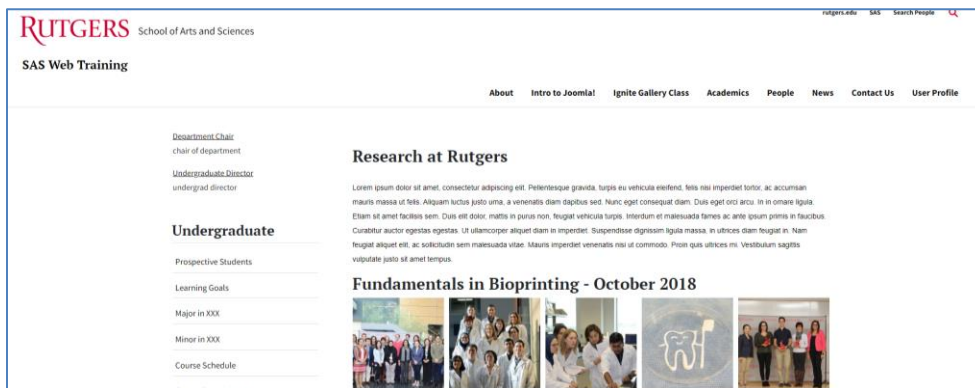
Id=3128 (this is just a unique number)

cid=1 (this is the Category ID)

pid=1 (this is the Profile ID)

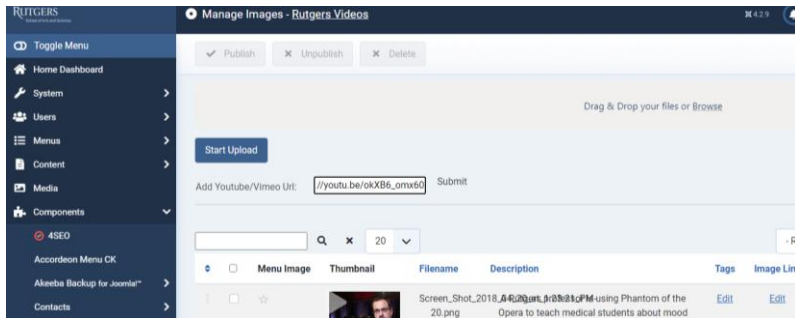


Sample result of embedding gallery in an article:

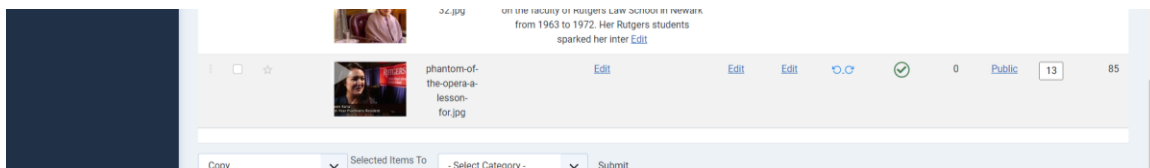


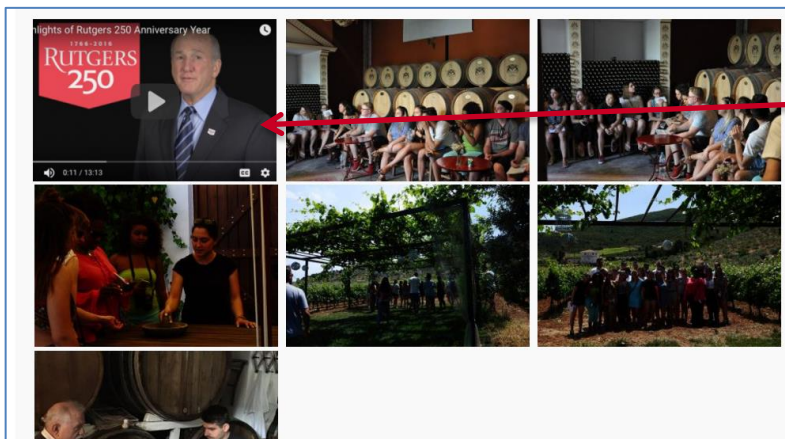
ADD VIDEO USING IGNITEGALLERY

1. Click on MANAGE IMAGES for the specific category
2. In the box for Add Youtube/Vimeo URL: enter the youtube url
3. Click Submit



4. The system will automatically 'grab' an image from the video, you are welcome to add text to it as well





You can now see the image as a 'thumb' with the rest of the images.

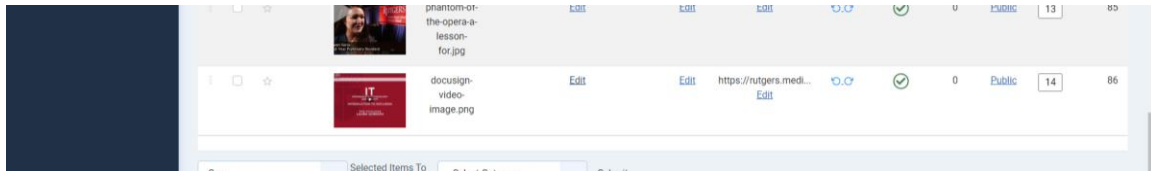
When you click on it, you will be taken to the light box, and the video will run.



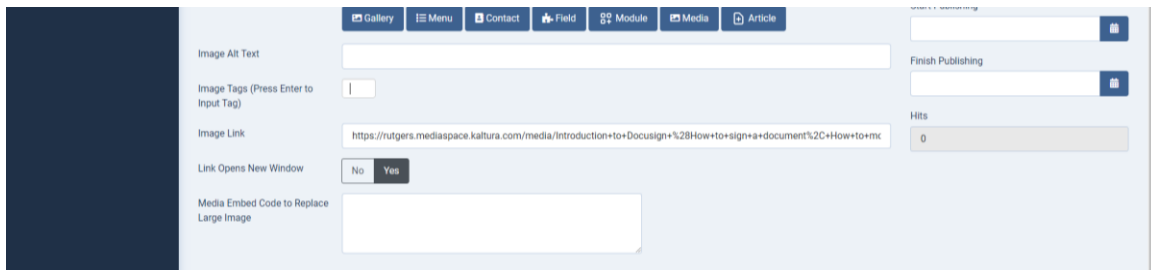
In the 'lightbox view', you can now see the video, and play it.

For NON Youtube Videos

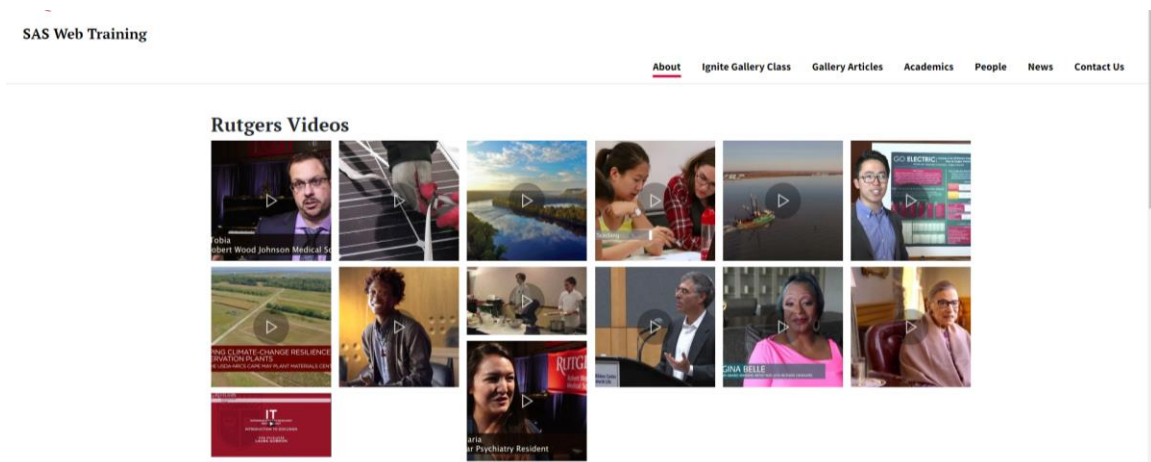
1. Upload an image for the video
2. Click EDIT to edit the video details



3. Add a 'link' to the video in the image link field



On the Click of the thumbnail you will be taken to the URL link



WORK WITH GALLERIES FROM FRONT END

- By default this option is NOT available for regular installations. If this is something you will need for your department, please create a work order and ask us specifically:
 - Manage Gallery from Front End
 - Who do you want to have this access (administrators? Another group?)

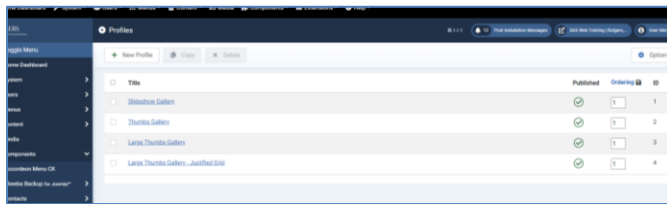
1. Login on the front end
2. Under USER MENU click on manage gallery
3. From here you can upload images and edit image properties

The screenshot displays the Rutgers School of Arts and Sciences (SAS) Web Training interface. The top navigation bar includes the Rutgers logo, "School of Arts and Sciences", and links for "rutgers.edu", "SAS", and "Search People". Below this is a "SAS Web Training" header and a navigation menu with links: "About", "Ignite Gallery Class", "Gallery Articles", "Academics", "People", "News", "Contact Us", and "Registered Menu".

The main content area is titled "User Menu" and contains a "Manage Gallery" link. Below this link is a table with columns: "Title", "Manage Images", "Author", "Delete", "Published", "Ordering", and "ID". The table lists various gallery categories and their associated images, authors, and status.

Title	Manage Images	Author	Delete	Published	Ordering	ID
<input type="checkbox"/> Gallery Class	Manage Images (5)	Laura Gordon				13
<input type="checkbox"/> Main Galleries - DO NOT REMOVE	Manage Images (0)	Laura Gordon				10
<input type="checkbox"/> Graduate Course 2020	Manage Images (6)	Eddie F. Konczal				9
<input type="checkbox"/> Rutgers Videos	Manage Images (14)	Laura Gordon				3
<input type="checkbox"/> About Us	Manage Images (0)	Laura Gordon				11
<input type="checkbox"/> Our Students	Manage Images (8)	Eddie F. Konczal				1
<input type="checkbox"/> Our Campus	Manage Images (11)	Eddie F. Konczal				2
<input type="checkbox"/> Biofab Gallery	Manage Images (0)	Laura Gordon				12
<input type="checkbox"/> Homepage - Biofab	Manage Images (7)	Eddie F. Konczal				4
<input type="checkbox"/> Facilities - Biofab	Manage Images (3)	Eddie F. Konczal				5

WORK WITH PROFILES IN IGNITE GALLERY



The screenshot shows the 'Profiles' management page in the Ignite Gallery Joomla! extension. It features a sidebar with navigation options like 'Home Dashboard', 'System', 'Users', 'Menus', 'Content', 'Media', 'Components', 'Extensions', and 'Help'. The main area has tabs for 'New Profile', 'Edit', and 'Delete'. Below these is a table listing profiles:

Title	Published	Ordering	ID
Slideshow Gallery	<input checked="" type="checkbox"/>	1	1
Thumbnails Gallery	<input checked="" type="checkbox"/>	2	2
Large Thumbnails Gallery	<input checked="" type="checkbox"/>	3	3
Large Thumbnails Gallery - Justified Grid	<input checked="" type="checkbox"/>	4	4

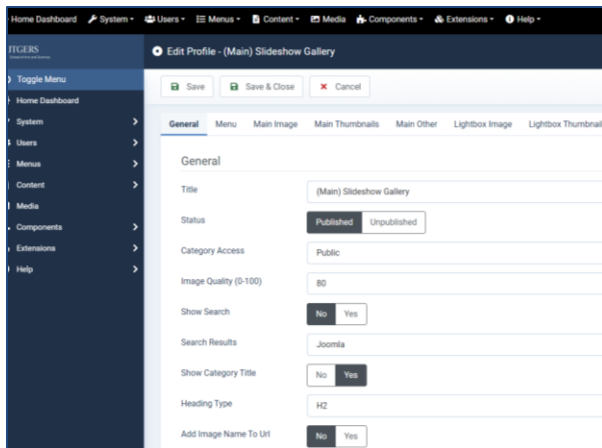
The biggest difference with these profiles, is the 'main' profile shows a 'larger image', and the 'thumbs only profile' shows just thumbs.

All settings are defined with each profile.

Each Category is assigned a DEFAULT profile, but when putting the category inside of an article, you can select a different profile to use at that time. This will change the display.

General Tab

Define basic pieces about the profile on how it is displayed on the front end. The most important item is if you want the 'category title' displayed or not and the image ordering (can be random)



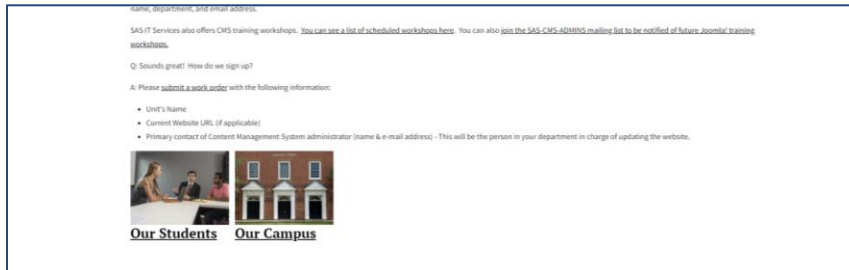
The screenshot shows the 'Edit Profile - (Main) Slideshow Gallery' configuration page. It has a sidebar with navigation options and a main area with tabs for 'General', 'Menu', 'Main Image', 'Main Thumbnails', 'Main Other', 'Lightbox Image', and 'Lightbox Thumbnails'. The 'General' tab is active, showing the following settings:

- Title: (Main) Slideshow Gallery
- Status: ☒ Published ☐ Unpublished
- Category Access: Public
- Image Quality (0-100): 80
- Show Search: ☒ No ☐ Yes
- Search Results: Joomla
- Show Category Title: ☒ No ☐ Yes
- Heading Type: H2
- Add Image Name To Url: ☒ No ☐ Yes

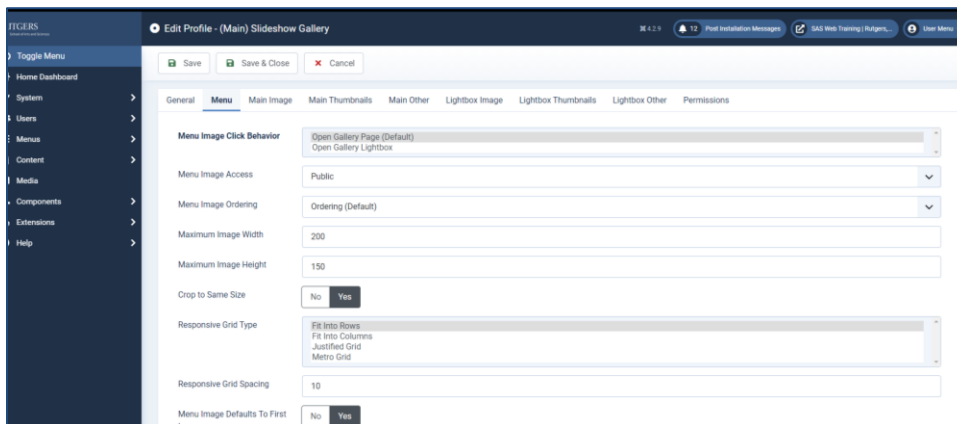
Menu Tab

This displays how the 'gallery' displays when you show a 'menu' of galleries. This is when you have 'sub categories' that you want to automatically display as you add more 'categories' of image galleries. Perhaps you have Graduation Gallery, then you want to show a 'gallery' for each year.

Example of a menu of galleries: <https://genetics.rutgers.edu/news-events/events-gallery>



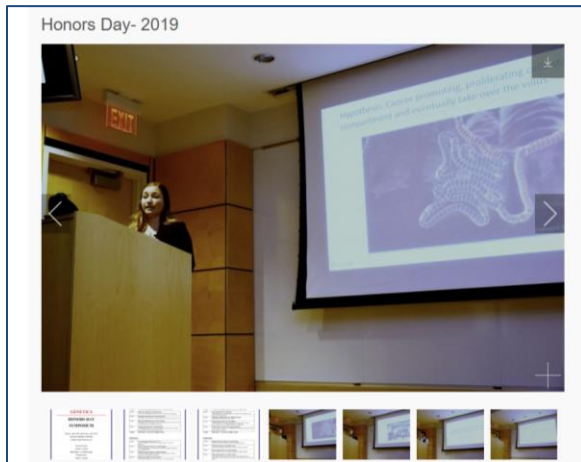
Definition of Menu options:



Main Image Tab

This tab defines how your 'main image' displays. This is useful if you display a 'slideshow' either with or without thumbs. (Note we do not currently use this on our home pages for the slide show we use smartslider for that), but this can be easily used for slide shows on other pages.

Sample display:



Setup:

General	Menu	Main Image	Main Thumbnails	Main Other	Lightbox Image
Show Large Image - If No Thumbnail Click Will Go To Lightbox <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Maximum Image Width <input type="text" value="800"/>					
Maximum Image Height <input type="text" value="450"/>					
Crop to Same Size <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Desktop Transition <input type="text" value="Fade"/>					
Touch Device Transition <input type="text" value="Slide"/>					
Transition Duration (Milliseconds) <input type="text" value="5000"/>					
Ken Burns Effect <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Show Left Right Arrows <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Last Image Advances To First <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Show Dotnav <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Show Play Icon <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Slideshow Autostart <input type="button" value="No"/> <input checked="" type="button" value="Yes"/>					
Slideshow Period - Milliseconds <input type="text" value="3000"/>					
<div>Sample-Pictures.pdf</div> <div>docuSign-video-i-...png</div>					

Width/Height: This will KEEP the same proportions so it is the 'max'.

Crop to same size: this will FORCE CROP so all images will be the same size

- It looks better when the slides are the same size

Transition: different options

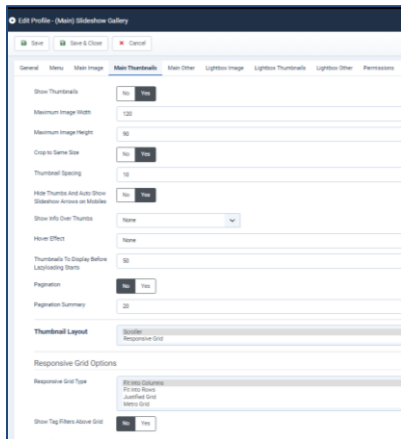
Ken Burns: Panning options

Auto Start: begins with a slideshow rotation

Main Thumbnails Tab

This determines the layout of the thumbs, there are many different 'responsive' layouts available with different grids such as 'justified' and Metro grid. In the past the thumbs only looked good if they were the same size, but now it looks nice when thumbs are various sizes...

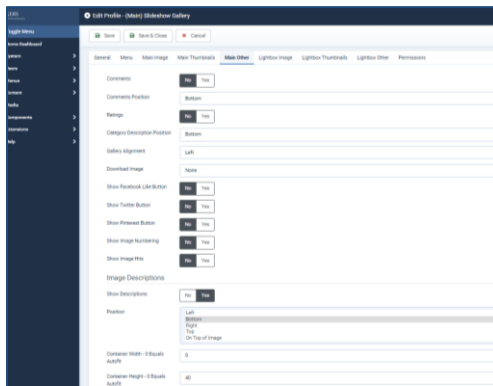
Sample with grid: <https://www.ignitegallery.com/component-demo/metro-grid-layout>



The screenshot shows the 'Main Thumbnails' configuration tab. It includes settings for 'Show Thumbnails' (Yes), 'Maximum Image Width' (120), 'Maximum Image Height' (80), 'Crop to Same Size' (Yes), 'Thumbnail Spacing' (10), 'Hide Thumbnails And Auto Show Selection Arrows on Mobile' (No), 'Show Info Over Thumbs' (Name), 'Hover Effect' (None), 'Thumbnails To Display Before Loading Next Item' (50), 'Pagination' (Yes), 'Pagination Summary' (20), 'Thumbnail Layout' (Slider, Responsive Grid), 'Responsive Grid Options' (Responsive Grid Type: Metro Grid, F5 Grid, Justified Grid, Metro Grid), and 'Show Tag Filter Above Grid' (Yes).

Main Other Tab

This is where you define if you would like the description displayed along with the main image.



The screenshot shows the 'Main Other' configuration tab. It includes settings for 'Container' (Bottom), 'Container Position' (Bottom), 'Caption' (Yes), 'Caption Position' (Bottom), 'Gallery Alignment' (Left), 'Download Image' (None), 'Show Feedback Like Button' (Yes), 'Show Twitter Button' (Yes), 'Show Facebook Button' (Yes), 'Show Image Numbering' (Yes), 'Show Image Title' (Yes), 'Image Description Options' (Show Descriptions: No), 'Position' (Left, Bottom, Top, On Top of Image), 'Container Width - 0 Based' (0), and 'Container Height - 0 Based' (40).

Light Box Tabs

The light box tabs defines the main image, thumbs and other, when you 'click' on the image and a light box appears. This brings you 'closer' to the image. This way you can define the thumbs differently when in lightbox view...

<https://genetics.rutgers.edu/news-events/events-gallery/honors-day/honors-day-2019>

Click on the MAIN image and you will be brought into lightbox view.

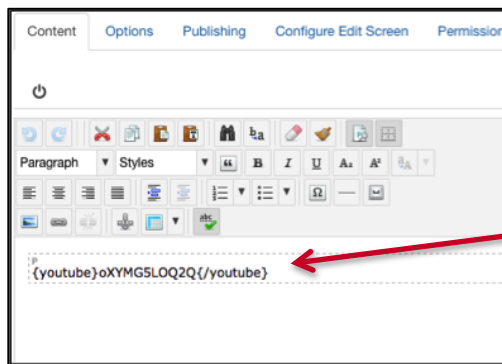
INSERT A VIDEO INTO YOUR ARTICLE – ALL VIDEOS

1. Go to youtube.com to find the video
2. Be sure to PAUSE the video
3. Click on the share button under the video, grab the link:

<https://youtu.be/oXYMG5LOQ2Q>

4. In the article place the following code:

{youtube}VIDEOID{/youtube} (where the video id=oXYMG5LOQ2Q)



* If you paste the 'LINK', it will not work, the 'link' must be 'broken first' (click on the videoed, then click on the 'unlink' option)

<https://webtraining.sas.rutgers.edu/academics/undergraduate/research>

Different Parameters for Video:

{youtube}oXYMG5LOQ2Q|100%|400{/youtube}

100% = FULL WIDTH

400 = Height of 400px