Galleries in Joomla

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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:
  http://www.sas.rutgers.edu/cms/training
- Open the Administrator Panel:
  http://www.sas.rutgers.edu/cms/training/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 than 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 Je vents 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:

1. Display gallery with Thumb-nails only (Responsive)
   https://kinesabroad.rutgers.edu/greece/athens

2. Display gallery as a ‘slideshow’ with a main image (with or without thumbnails)
   https://genetics.rutgers.edu/news-events/events-gallery/graduation-celebrations/grad-celebration-2018

3. Can edit images from gallery on FRONT END

4. 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.

- Sample galleries can also be found:
b.

**CREATE GALLERY**
Components → Ignite Gallery → Category

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

![Image of Create Gallery interface]

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

![Image of Upload Images interface]
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.
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

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 IGNITE GALLERY**

1. Go to Video, get a ‘screen shot’ of the video, or ‘crop’ the screen to use as an ‘image’, or get an image to use as the thumbnail
2. Upload image into gallery

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**Click on Edit for the ‘IMAGE’ that you want to add the video embed code to.**

**Go to where the video is hosted (should be within the rutgers youtube)**

https://www.youtube.com/user/Rutgers

**COPY the URL of the video:**

https://youtu.be/okXB6_omx60

**Paste the URL from Youtube (or vimeo) into the media code**
If your video is NOT a YouTube video. Then you can always put the URL for the video in the IMAGE LINK, then when you click on the image the video will appear...

sasit.rutgers.edu/docusign

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.
**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
WORK WITH PROFILES IN IGNITE GALLERY

The biggest difference with these 2 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)
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 slideshow we use smartslider for that), but this can be easily used for slide shows on other pages.

Sample display:

(page: https://genetics.rutgers.edu/news-events/events-gallery/honors-day/honors-day-2019)

Setup:

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...


![Main Thumbnails Tab Image](image)

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

![Main Other Tab Image](image)

**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](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)

Different Parameters for Video:

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

100% = FULL WIDTH

400 = Height of 400px

* 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