Components in Joomla

Instructor for this Workshop

Web Development

School of Arts and Sciences

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Components in Joomla!

WELCOME

Instructor for this Workshop

School of Arts & Sciences, Web Development

Once you arrive:

- 1. Login to the workstation with your NetID
- 2. Open a web browser (Firefox or Chrome)
- 3. Go to the website: http://www.sas.rutgers.edu/cms/sandbox3

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?

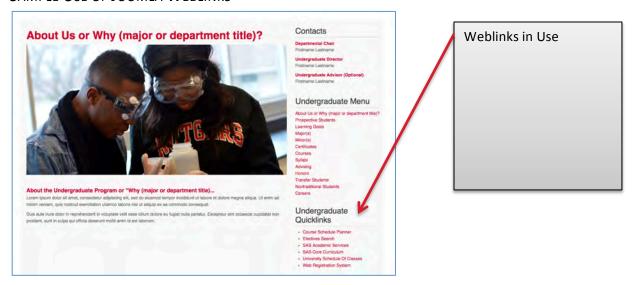
A component in Joomla! Is a program that can include more complex information then just a 'plain' Joomla article. These components are referenced as 'mini programs'. They can be as simple as a weblinks manager or as complex as Jevents where events are managed and created and organized.

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

JOOMLA WEBLINKS

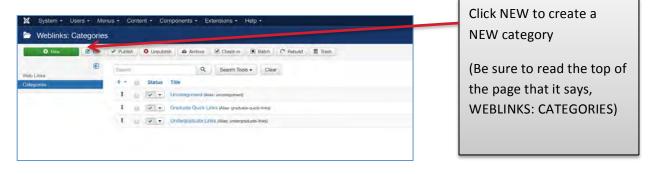
Joomla weblinks is a great tool to use when you have multiple external links that you may need to be listed in a variety of places on the website. If in an article you have more than 3-5 external links, instead of just 'typing' them into the article, it may be easier to work with by creating a weblinks category, and creating the links.

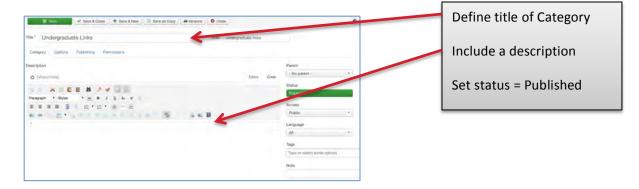
SAMPLE USE OF JOOMLA WEBLINKS



CREATE WEBLINKS CATEGORY Components → Weblinks

Click CATEGORIES

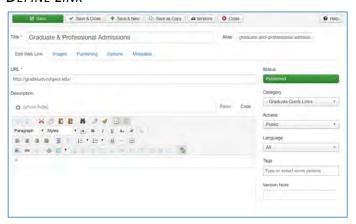




Create Weblinks for a category

Click weblinks (on left side)

DEFINE LINK



Define Title

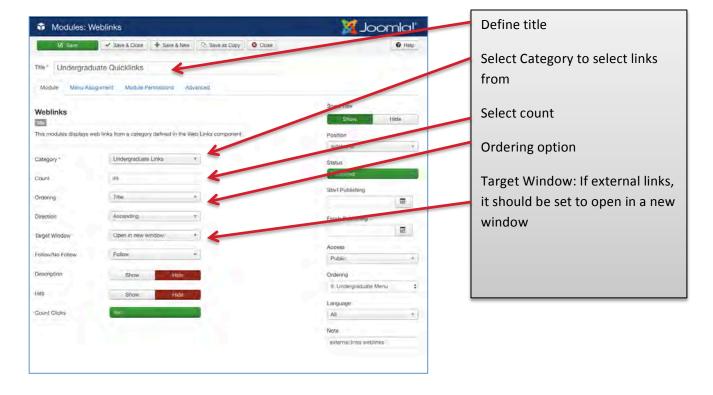
Define Category that it will display in

Define a description

SHOW WEBLINKS ON WEBSITE

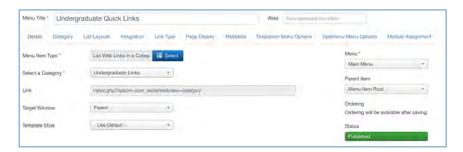
1. Use a Weblinks Module

This module can be positioned in 'sidebar-b', or included in content, with an embedded module. (as done in course schedules)

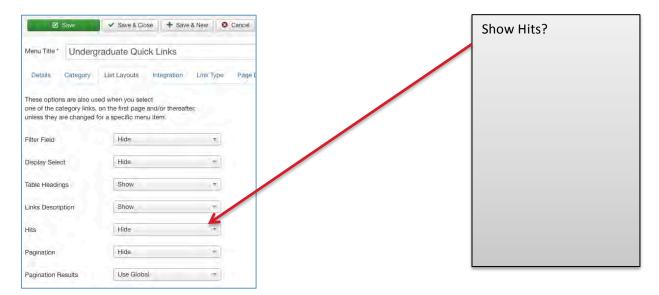


2. Define a Menu item to show Weblinks in a category

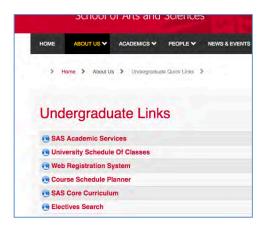
Define type as WEBLINKS in a CATEGORY



List Layouts



Preview of Menu Item display



JEVENTS

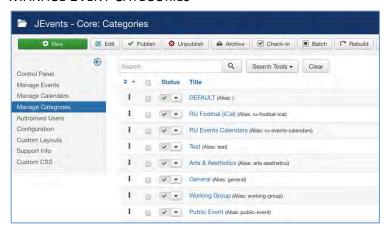
OVERVIEW OF JEVENTS

JEvents is an event management system that can store information about events. The events can be organized by categories, which helps to display them in different 'groupings'. In fact events can actually exist in MULTIPLE categories. Events can be displayed in a module position or as a menu item through the regular menu. There are many different types of options for the display.

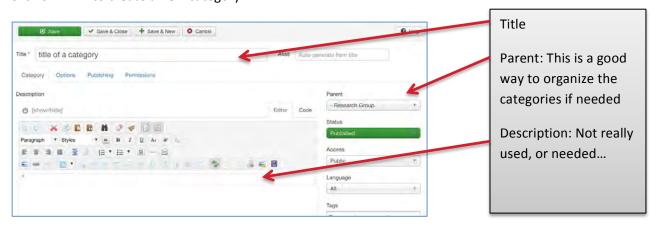
To go to JEvents:

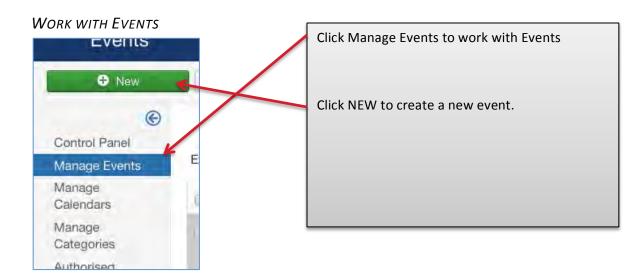
Components → JEvents

MANAGE EVENT CATEGORIES



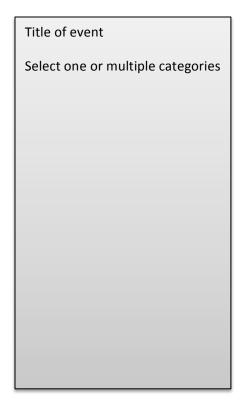
Click on NEW to create a new category



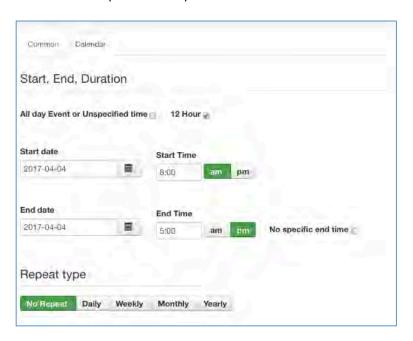


Event Details



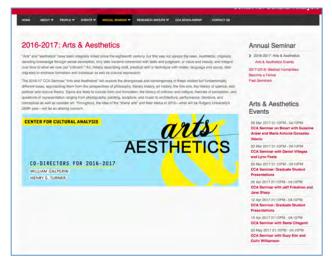


Event Calendar (Date Details)

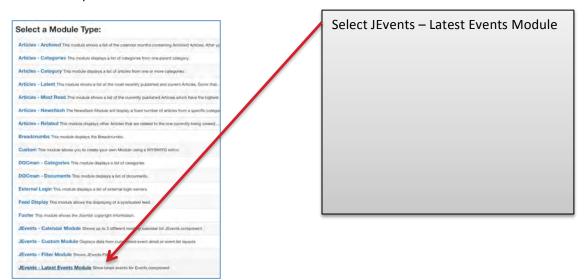


DISPLAY OF EVENTS ON WEBSITE

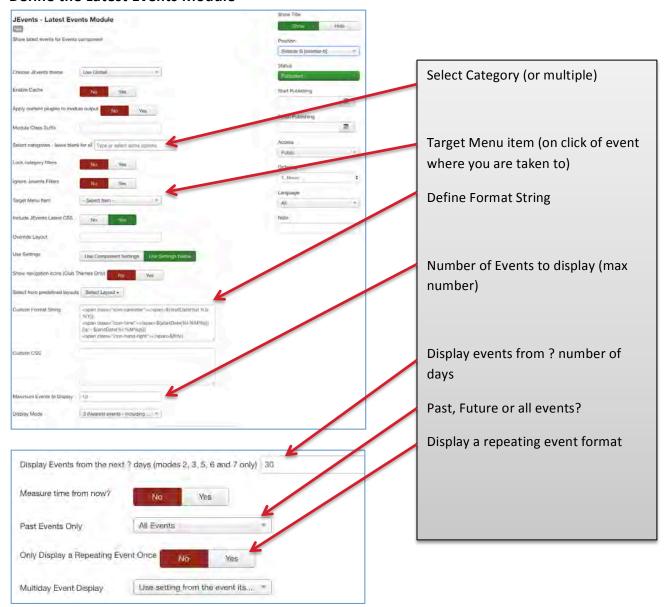
Sidebar Module



How to setup Side Module

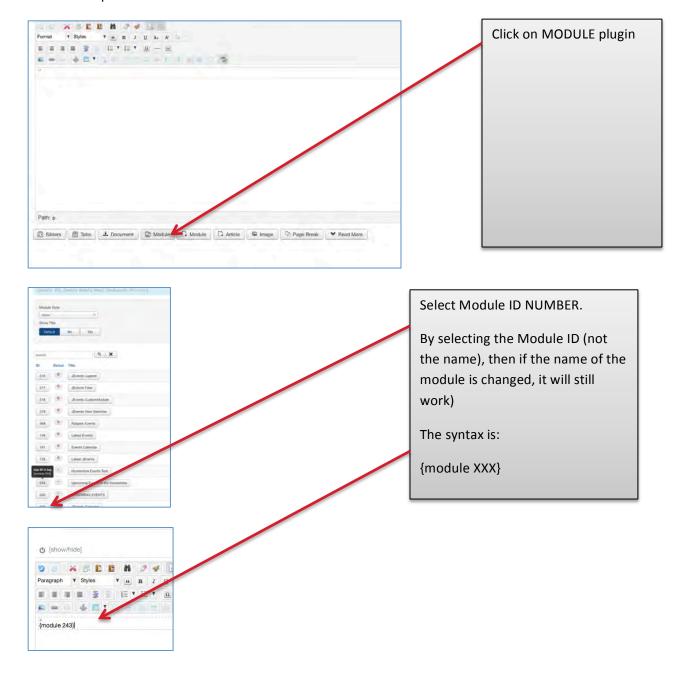


Define the Latest Events Module



How to EMBED Latest News Module into an article

- 1. Create Latest News Module
- 2. Create an Article
- 3. Follow steps below:



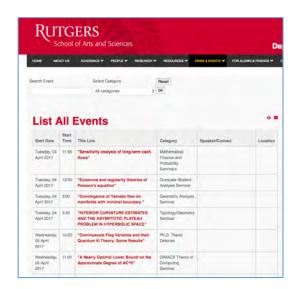
Result options of JEvents Display

Embedding Module inside of an Article (Result):

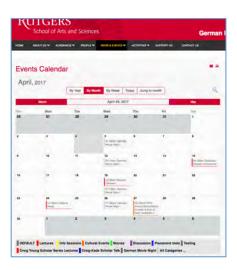


DISPLAY JEVENTS AS A MENU ITEM SAMPLES:

Displaying Events as a Menu Item in a List Format



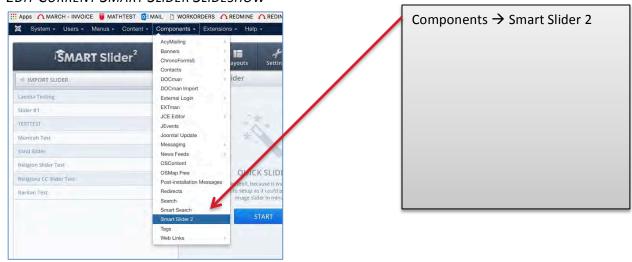
Display Events as a Menu Item in a Calendar type format



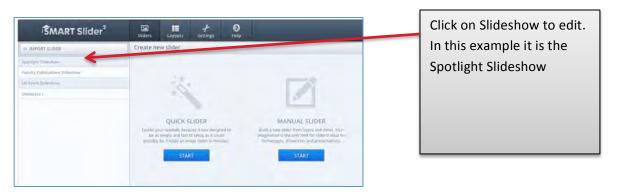
WORK WITH SMART SLIDER 2

Smart slider 2 is the slideshow component that we use on all of the home pages of the website. This tool can be used on other pages as well. The tool is quite complex, we will focus on basic editing techniques.

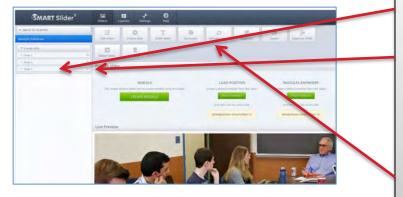
EDIT CURRENT SMART SLIDER SLIDESHOW



Select Slideshow to Edit



Slideshow Details



- 1. Click on individual Slides here to edit.
- 2. Click on the 'green circle' to unpublish slides
- 3. DRAG slides as needed to resequence
- 4. If changes don't seem to save, click on REFRESH CACHE

Duplicate or Delete Slide

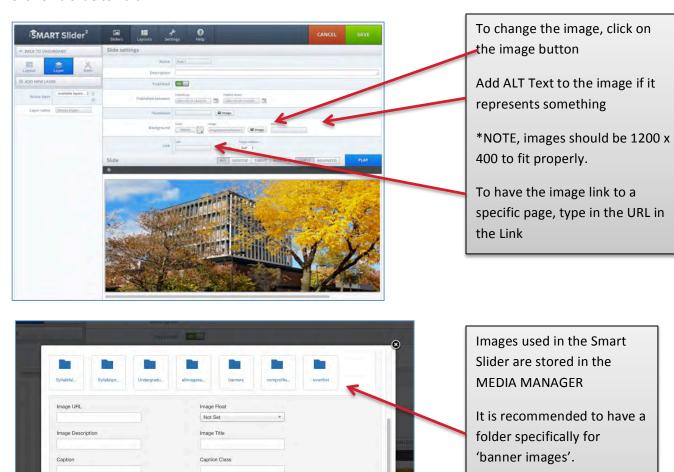


Hover mouse over slide, can select DUPLICATE to make a copy of a slide.

Can select DELETE (this will delete a slide)

Edit a Slide

Click on a slide to Edit



Click upload just as if you are adding an image to

media manager.

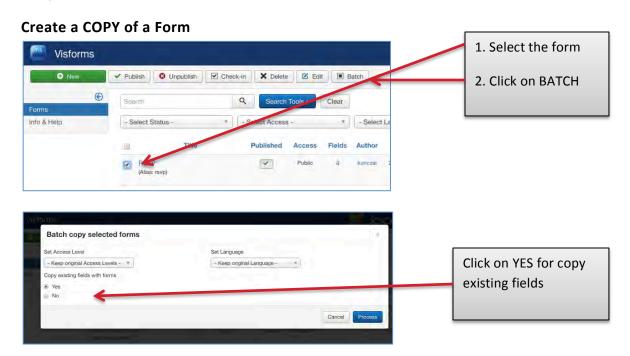
WORK WITH VISFORMS

Visforms is a form tool in Joomla that can collect data. This information can be saved in a table and exported easily to .xls or to access as a .csv file. The data can also be displayed on a website if needed.

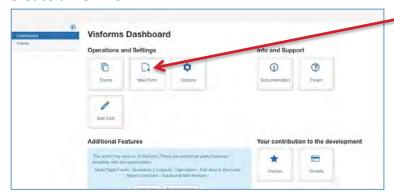
The forms are 100% customizable different fields can be created depending on what information you need to collect.

CREATE A NEW FORM / FORM PROPERTIES

Components -→ VISFORMS

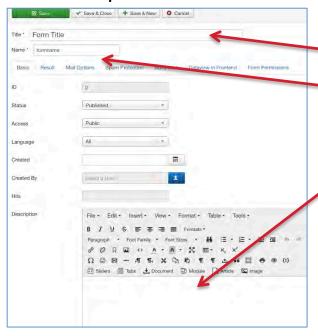


Create a New Form



Click New Form

Basic Form Properties



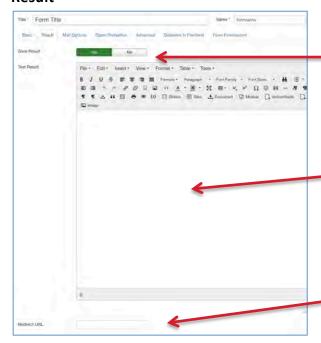
Form Title – Displayed title

Name: Cannot have spaces

Can leave the rest blank

Basic

Result



Mail Options



Result

Save Result → YES

This means data will be STORED when the form is completed

Text Result

This is displayed after the form is completed, such as, 'Thank you for registering'

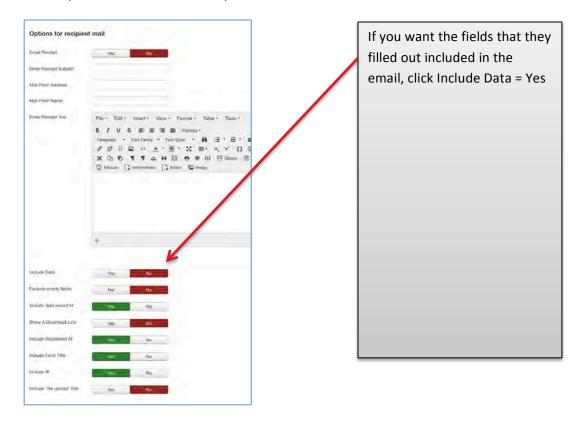
Redirect URL

If you prefer for the user to be taken to a different page after the form is completed.

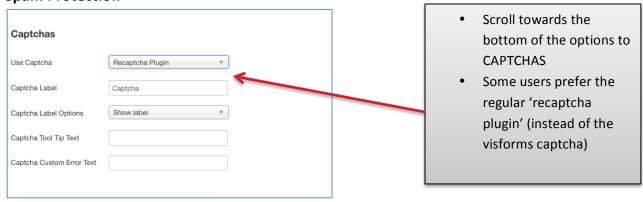
Top part of this page references the ADMIN Mail, or the site Owner Email, specify if you want the person 'running the event' to receive an email and the details you want them to receive.

Options for Recipient Mail

These options are defined for the person that is FILLING out the form.

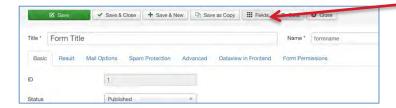


Spam Protection



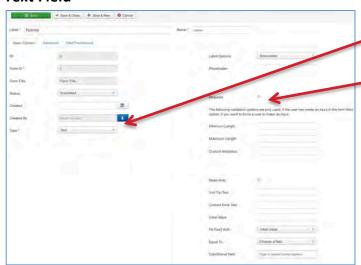
WORK WITH FIELDS FOR FORM

Once a form is created, to edit the fields, click to edit the form, then click on the 'FIELDS' button



Each field has different 'variables' that can be defined...

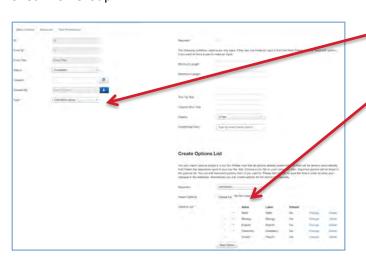
Text Field



Select Type = TEXT

Select REQUIRED (for a required field)

Check Box Group

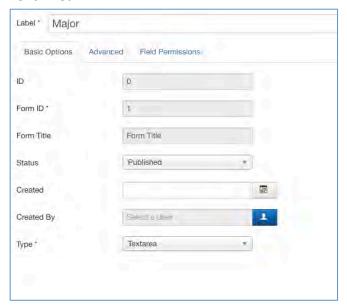


Type: Check Box Group

Add new values, note the 'VALUE' is what is stored in the database

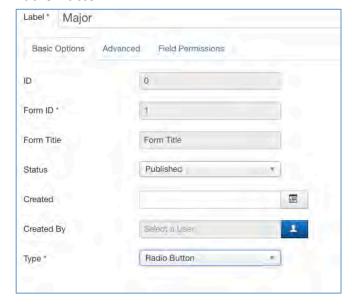
A Check Box Group allows multiple options to be selected.

Text Area



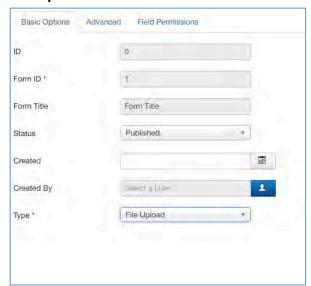
Text Area is good for a 'large text' field such as 'comments', 'instructions'.

Radio Button



Radio Button works like a 'check box group'. Except only ONE option can be selected at a time (not multiple items)

File Upload



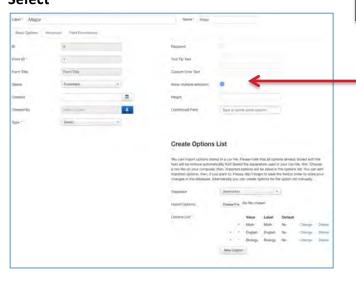
File upload allows a file to be uploaded with the form. This 'pdf' can be stored on the website.

This field type is good if you want to include an 'upload of a abstract' for example.

Please keep in mind files that are uploaded should NOT contain personal information. Anything that is uploaded could be accessed to the public.

We are in the process of creating our file upload policy.

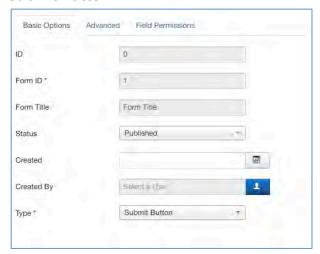
Select



Select works similar to the Multiple Check Box Group.

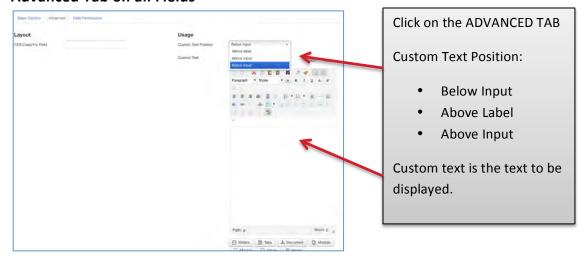
To allow for 'multiple items' to be selected, check off the 'multiple items'.

Submit Button



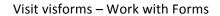
The submit button is the 'SEND' button to submit the form.

Advanced Tab on all Fields



WORK WITH DATA RESULTS

As long as the form was set to STORE DATA results, it is easy to display the data results in the back end, export to a .csv, or on the front end.







Click EXPORT Data to bring data into .csv or .xls



Click Back to Form to return to Form

FORMS to get back to the listing of all forms.

IGNITE GALLERY

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

1. Display gallery with Thumb-nails only (Responsive)



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



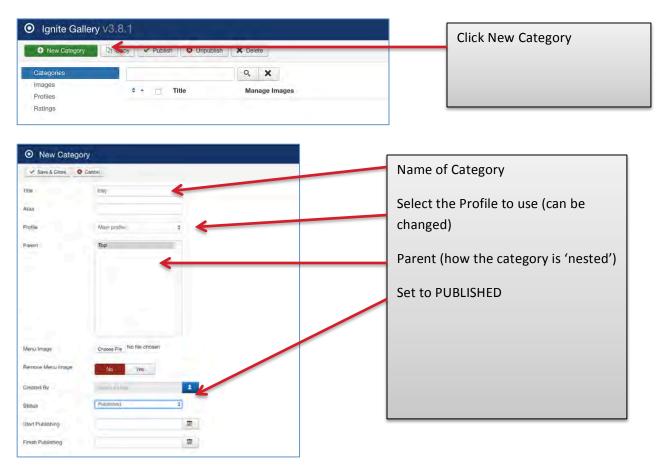
- 3. Can edit images from gallery on FRONT END (do not need to login to administrator to manage galleries)
- 4. Galleries can be created within nested categories for easy display

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

CREATE GALLERY

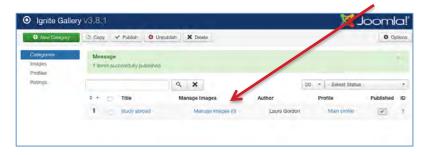
Components → Ignite Gallery - → Category

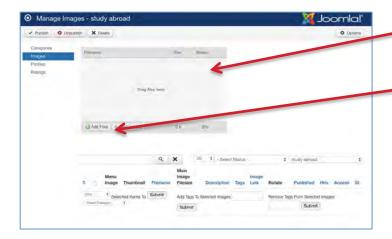
The category structure can be 'nested' and can have images in each level if needed.



UPLOAD IMAGES

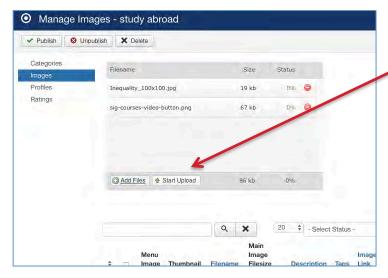
While on the CATEGORY Listing Page, click on the Manage Images (0) link





Drag images into the GRAY box

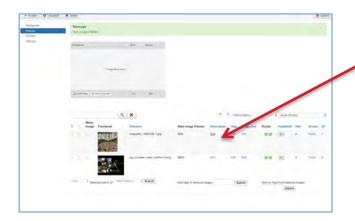
Click Add images button, to get to the 'browse' area.



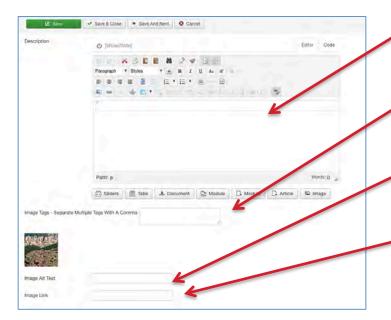
Click 'Start Upload' to upload the images into the gallery.

EDIT IMAGES (DESCRIPTION, ALT TEXT)

While on the Image Listing Page...



Click EDIT under Description or Tag

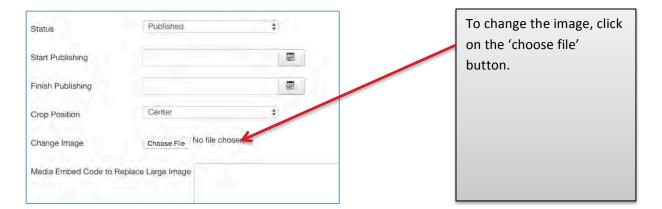


Enter Description

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)

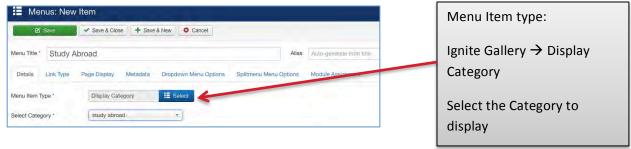
Image Link: If on the click on the image you want to go to a different page or area, this is where it is set.



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

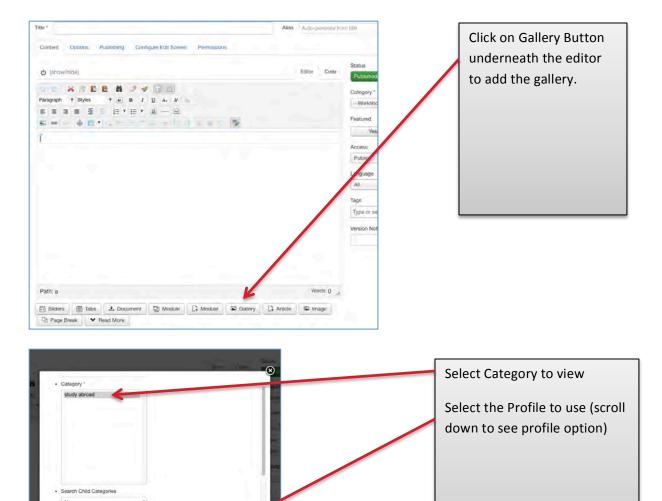


Sample Display:



Display Inside of an Article

Edit an Article

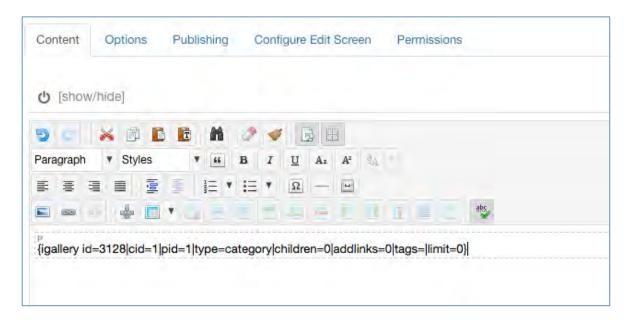


Code Layout:

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:

