

RSGallery2 Documentation

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Abstract

RSGallery2 is a full featured, easy to use, highly customisable, gallery component for Joomla!

Users can upload their images via frontend and backend, via single file upload, batch upload or ftp upload. Galleries containing images can have as many (nested) subgalleries that you want. Galleries and images can be moved around easily. Three graphics libraries, used to make display and thumbnail images, are supported: GD2, ImageMagick and Netpbm. Images can have a watermark. Images can be regenerated after the settings for display image size and thumbnail image size are changed. The site administrator can set permissions for usergroups to be allowed to upload images, create galleries, edit, delete, (un)publish both images and galleries, vote and comment on images, just like the permissions for Joomla core components are set. View access for galleries can be set by the site administrator just like view access for Joomla Categories. The look and feel can be customised by creating your own RSGallery2 templates.

This document will show you what RSGallery2 can do and what it looks like ([Chapter 2, Frontend \[4\]](#) and [Chapter 3, Backend \[17\]](#)). It's main goal is to get new users started, but we hope it can be a reference to all.

The RSGallery2 Team loves to see a user community where people with different skill levels are welcome and people help each other, thereby improving RSGallery2.

"We are all volunteers!"

For support and discussions: www.rsgallery2.nl!

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1

Installation

1.1. Installation & update

1.1.1. Download RSGallery2 package

On RSGallery2's homepage, www.rsgallery2.nl, there is a link to the latest release of RSGallery2. Each release shows a version number and on which version of Joomla! it can be used.

Older versions are available on JoomlaCode¹ where you'll see the available releases when you click the Package "RSGallery2". The release name will be something like `RSGallery2_2.1.1_J15` which tells you it is version 2.1.1 and intended for Joomla! 1.5 whereas `RSGallery2_3.0.1_J16J17` is version 3.0.1 and intended for Joomla! 1.6 and 1.7.

1.1.2. Installing RSGallery2

RSGallery2 is installed as any other Joomla! extension. First you have to log in to the Administrator section, also called Backend. Click on Extensions > Extension Manager (see [Figure 1.1, "Backend Extension Manager showing the drop-down menu for Extensions." \[2\]](#)). Then click the Browse button and find and select the downloaded package file. Back on the Extension Manager page you'll see that the path to your selected package file is shown in Package File. Now click Upload & Install.

¹ <http://joomlancode.org/gf/project/rsgallery2/frs/>

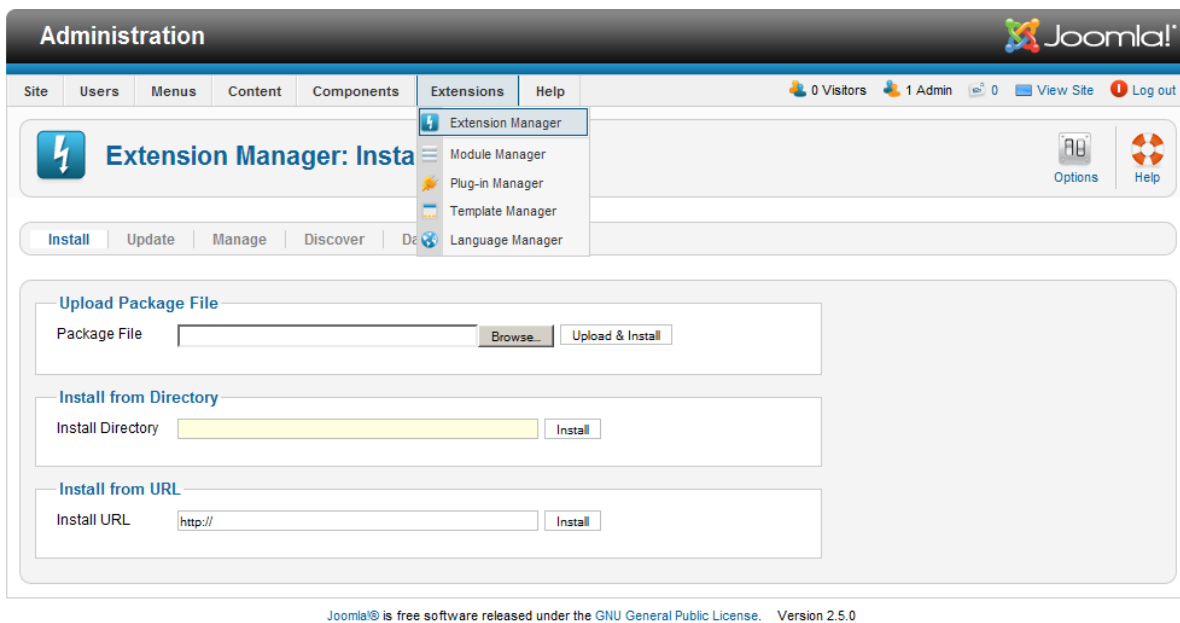


Figure 1.1. Backend Extension Manager showing the drop-down menu for Extensions.

Joomla! will tell you when the component is installed successfully (Figure 1.2, “Message: Installing component was successful.” [2]).



Figure 1.2. Message: Installing component was successful.

You will see a number of messages, green checkmarks indicate what went well. Below that, there is a button that'll take you to RSGallery2's Control Panel.

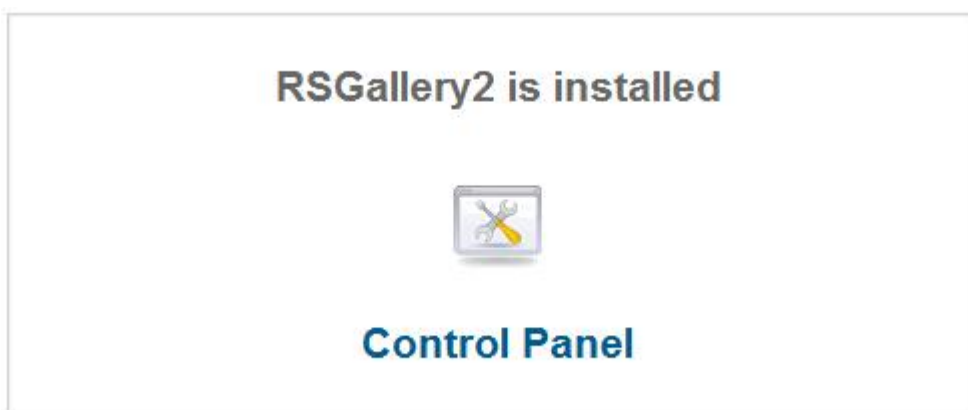


Figure 1.3. After successful fresh installation: Control Panel button.

1.1.3. Updating RSGallery2

Updating RSGallery2 to the latest version is no different than installing RSGallery2 for the first time. Either visit RSGallery2's homepage, www.rsgallery2.nl, or the download section on JoomlaCode² to find out what the latest version is. If there is a new release, for the Joomla! version you are using, download it and install as indicated in [Section 1.1.2, "Installing RSGallery2" \[1\]](#).



Important

Always keep a recent backup of your site! See <http://docs.joomla.org/Backup>.

Upon successful update of RSGallery2 you will see some messages, e.g. telling you what version you updated from and what version you updated to (see [Figure 1.4, "Update of RSGallery2 from 3.0.2 to 3.1.0 was successful." \[3\]](#)). If there is something you should know it will be posted with these messages.



Figure 1.4. Update of RSGallery2 from 3.0.2 to 3.1.0 was successful.

1.1.4. First steps after installation

After you have installed you will want to make one or more galleries first. See [Section 3.1.1, "Create a gallery" \[17\]](#) on how to create a gallery. Then you can upload one or more images. See [Section 3.2.1.1, "Upload" \[20\]](#) on how to upload a single image and [Section 3.2.1.2, "Batch Upload" \[21\]](#) on how to upload a batch of images. Then you will have to create a menu item linking to RSGallery2 for your frontend users to see your gallery/galleries with your uploaded images. See [Section 3.3, "Create an RSGallery2 menu item" \[26\]](#) on how to create a menu item linking to your gallery/galleries. This will get you going and start learning how RSGallery2 works.

After you have done this you will probably see some things you want to adapt to your wishes. See [Section 3.4, "Configurations settings" \[28\]](#) about the RSGallery2 Configuration options.

² <http://joomlancode.org/gf/project/rsgallery2/frs/>

2

Frontend

The intention of this chapter is to show you what RSGallery2 looks like using its default template Semantic on Joomla 2.5.x with its default template Beez2. Two assumptions are made: you are not logged in unless stated otherwise, and you have created a menu item called Photos linking to RSGallery2 (see [Section 3.3, “Create an RSGallery2 menu item” \[26\]](#)). These are the galleries that are set up (just like in [Section 3.1.1.1, “Example galleries” \[19\]](#)).

- Cakes (6 images)
- Flowers (6 images)
- Hollidays (no images; 2 subgalleries)
 - France Embrun 2010 (22 images)
 - Switzerland 2009 (11 images)

Whenever something is shown that depends on a configuration setting set in the backend, the setting name will be mentioned in parenthesis. See section [Section 3.4, “Configurations settings” \[28\]](#) for further information on these, and more, settings.

2.1. Main page

Go to your frontend and locate the menu item Photos (see [Figure 3.11, “Frontend: About Joomla menu has a new link: Photos” \[28\]](#)). When you click on the menu item Photos you are taken to RSGallery2's main page ([Figure 2.1, “RSGallery2's main page in the frontend” \[5\]](#)). The page shows three galleries: Cakes, Flowers and Hollidays each with some details:

- Gallery Name, e.g. Cakes.
- A link to a slideshow for this gallery (setting Display Slideshow and setting Select slideshow).
- The owner of the gallery, which is admin in the figure shown here (setting Display Owner Information).
- The size of the gallery, e.g. 6 images for gallery Cakes (setting Display number of items in gallery).
- The creation date of the gallery (setting Display creation date).
- If the gallery has subgalleries, these are mentioned here with the number of images they contain. E.g. Gallery Hollidays has two subgalleries.

The thumbnail next to the details is a link to the images that are in the gallery. This thumbnail can either be one of the thumbnail images for this gallery at random, or you can select a specific one. See [Section 3.1.1, “Create a gallery” \[17\]](#), setting Gallery thumbnail.

Directly above these three galleries is a search box (setting Display Search) that allows the user to search within gallery and image titles and descriptions. Below these three galleries is a block with Random images (setting Display Random) and a block with the Latest (uploaded) images (setting Display Latest).

Also notice the pathway, just above the About Joomla! menu, that indicates 'Home > Photos' in the figure.

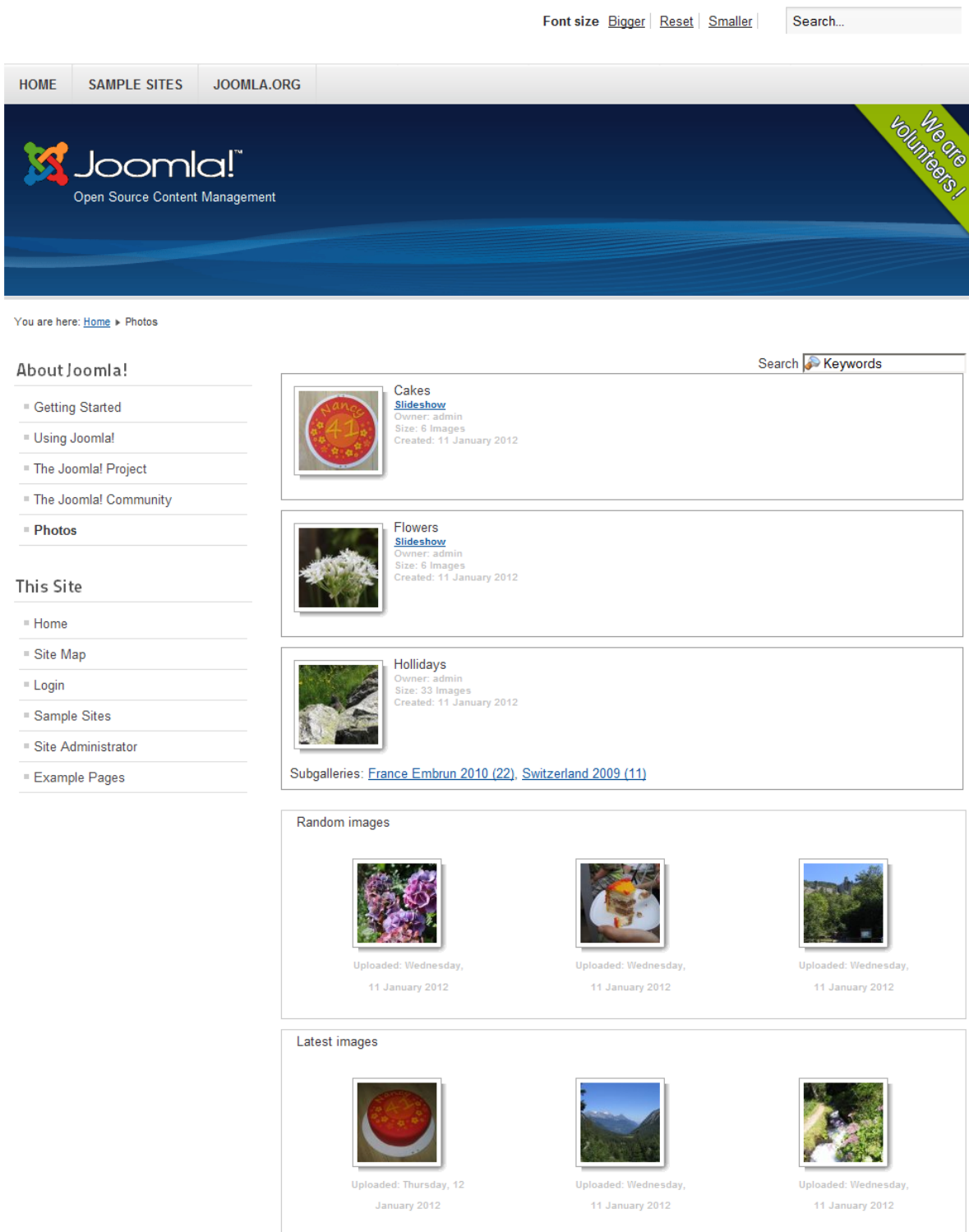


Figure 2.1. RSGallery2's main page in the frontend

2.2. Gallery

When we click on a thumbnail for a gallery, e.g. the thumbnail with the white flowers for gallery Flowers in [Figure 2.1, “RSGallery2’s main page in the frontend” \[5\]](#), all the images in this particular gallery are shown. See [Figure 2.2, “Gallery page showing all images in gallery Flowers” \[6\]](#).

These thumbnails are square (setting Thumbnail Style) and their width/height is (maximally) 80 pixels (setting Thumbnail Width). In this figure the thumbnails have their title below them (setting Show image name below thumbnail), the thumbnails are shown in a table (setting Thumbnail Style) in 3 columns (setting Number of Thumbnail Columns).

The thumbnails are created when images are uploaded and have the size and style (square/proportional) as set at the time of upload. It is possible to change these settings and then regenerate the thumbnails (see [Section 3.6, “Maintenance” \[30\]](#)).

The searchbox is still present right above the thumbnails (setting Display Search).

In the pathway, right above the menu About Joomla!, the galleryname Flowers is appended after the name of the menu item. You can go back to the main page via the Photos menu link or the Photos link in the pathway.



Figure 2.2. Gallery page showing all images in gallery Flowers

You can set the maximum number of thumbnails shown in this page (setting Thumbnails per Page). See [Figure 2.3, “Gallery page showing the second set of nine images in gallery France Embrun 2010” \[7\]](#). There are 22 images in gallery France Embrun 2010, and nine thumbnails are shown per page (setting Thumbnails per Page). Below the images you find the pagination buttons to allow you to go to each of the three pages with (up to) nine thumbnails.

Notice the pathway where the structure of galleries is shown: via the menu item Photos and the gallery Hollidays the subgallery France Embrun 2010 is shown.

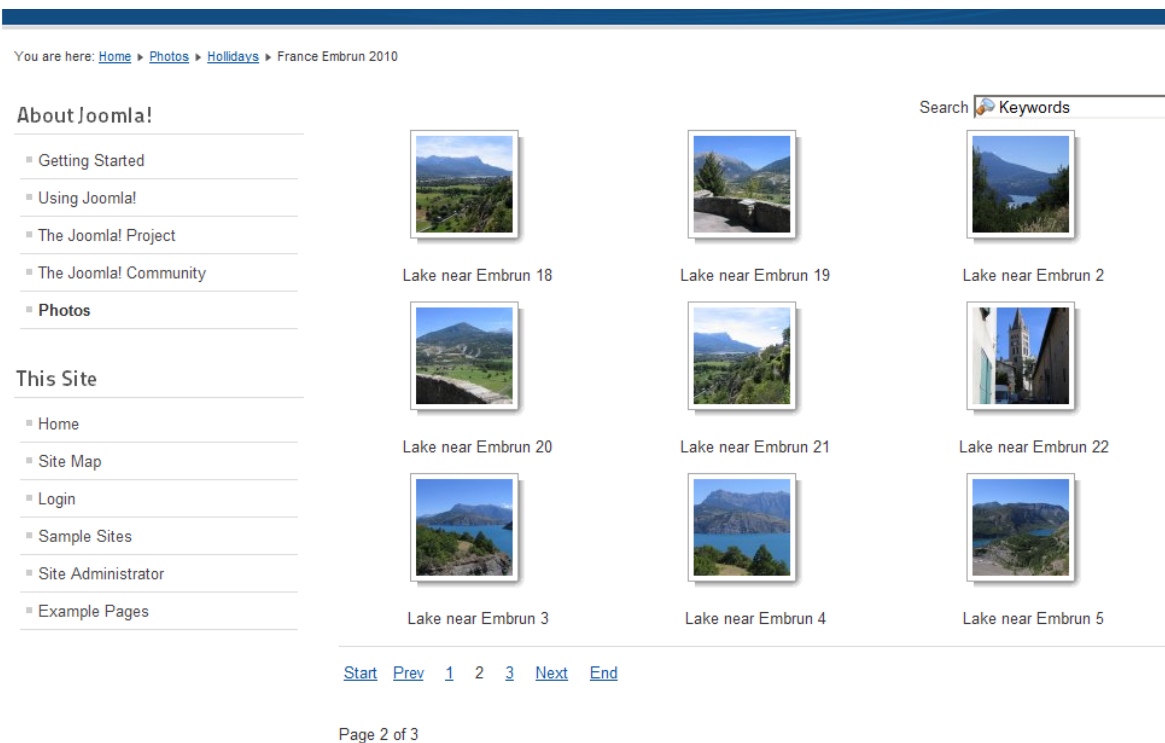


Figure 2.3. Gallery page showing the second set of nine images in gallery France Embrun 2010

2.3. Items (images)

Let's go back to the Flowers gallery. Click one of the thumbnail images, e.g. Flowers 2011 5. [Figure 2.4, "Item page showing the display image of one item and its details" \[8\]](#) shows the item page.

The image shown is the display image, it is 400px wide (setting Display Picture Width). For a portrait image, as opposed to this landscape image, the height would be maximally 400px. Above this display image, the image title (name) is shown, and below the image is a download link (setting Display Downloadlink). This downloadlink allows the user to download the image in its original size (as long as original image is still on you webserver: setting Keep original image, otherwise the display image is used). The title, display image and downloadlink are 'sandwiched' between pagination links allowing the user to go to another image within this gallery.

The display images are created when images are uploaded and have the size as set at the time of upload. It is possible to change these settings and then regenerate the display images (see [Section 3.6, "Maintenance" \[30\]](#)).

At the bottom of the page there are four tabs

- Description (setting Display Description): this tab shows the item description when there is a description. In the description HTML can be used to make text bold for example or to enter a link to a webpage. It also show the number of hits (setting Display Hits, off by default, but on in the figure)
- Voting (setting Display Voting): Voting needs to be enabled for the usergroup the user belongs to be able to vote and to see the voting results (see [Section 3.5, "Permissions" \[29\]](#)). When Voting is enable the user can give one to five stars for an image and a user can only vote once (setting User van only vote once (cookie based)).
- Comments (setting Display Comments): Comments need to be enabled for the usergroup the user belongs to be able to comment and to see the comments (see [Section 3.5, "Permissions" \[29\]](#)).

When Comments are enable users can enter their Name, a Title for the comment and the Comment text. A Captcha can be integrated in the comment form (setting Use CAPTCHA check, in comment form).

- EXIF (setting Display EXIF Data): a selection of EXIF Data tags can be shown (setting Select EXIF tags to display)

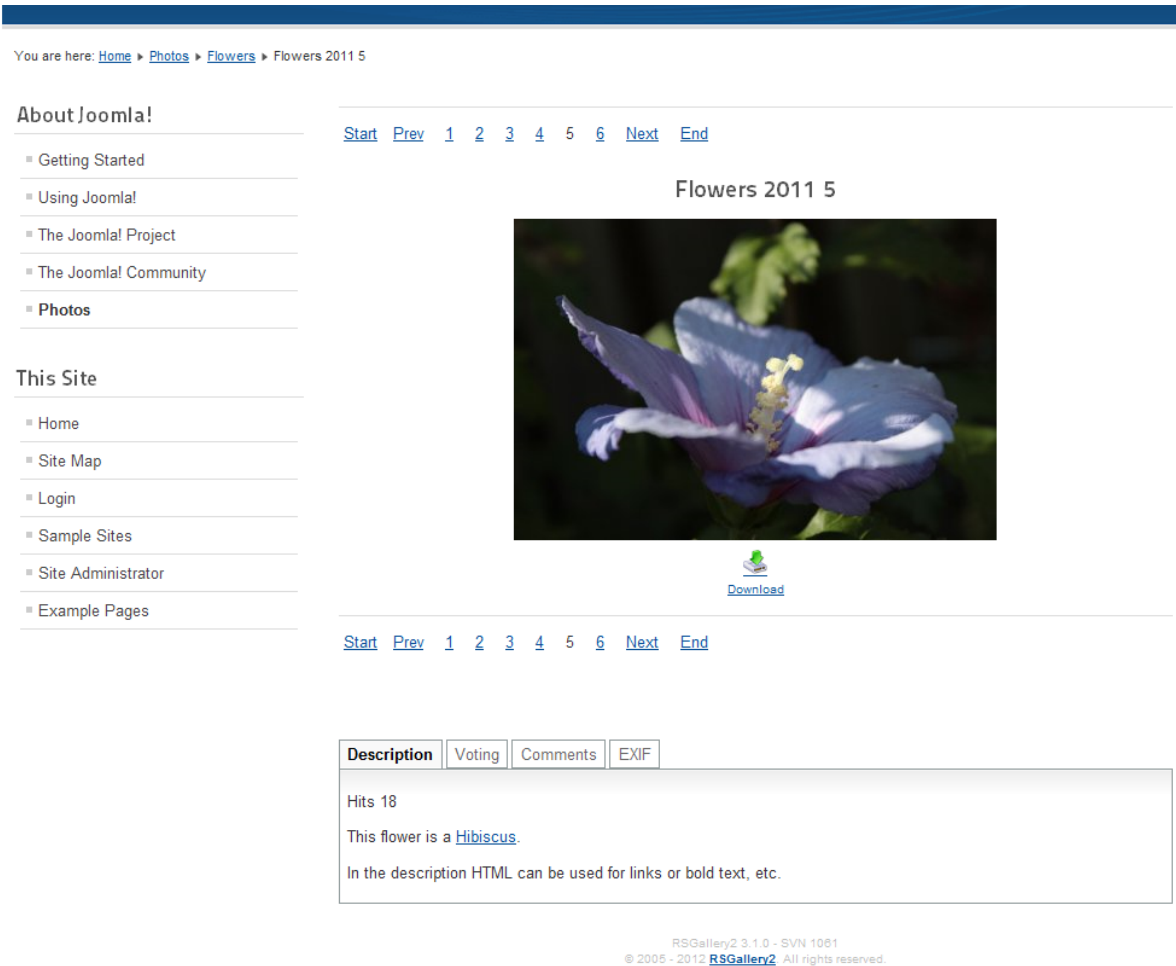


Figure 2.4. Item page showing the display image of one item and its details

At the bottom of the page, information about the RSGallery2 component is shown (setting Display Branding) with version information and a link to <http://www.rsgallery2.nl/>.

The pathway, right above the About Joomla! menu, has the image title added to it, just after the name of the gallery it belongs to.

What happens when the users clicks on the display image depends on the setting Popup style in the backend, these are the options:

- No popup
- Normal popup (default): a new window will open showing the original image (as long as original image is still on you webserver: setting Keep original image, otherwise the display image is used)
- Joomla Modal: a modal window with the original image (as long as original image is still on you webserver: setting Keep original image, otherwise the display image is used) will popup

2.4. Slideshow

On the main page there is a link to a slideshow for each gallery, see [Figure 2.1, "RSGallery2's main page in the frontend" \[5\]](#). Currently (v3.1.0) there are two slideshows: Slideshow Parth (default) and Slideshow One (setting Select slideshow).

The slideshow will show all items in the gallery with display images, not the images in subgalleries.

2.4.1. Slideshow Parth

Slideshow parth has a number of settings (see [Section 3.7.1, "Slideshow Parth settings" \[30\]](#)) and looks by default like [Figure 2.5, "Slideshow Parth: with infopane, without Caroussel" \[9\]](#) and [Figure 2.6, "Slideshow Parth: without infopane, with Caroussel" \[10\]](#). In the first figure you can see the Infopane at the bottom, the arrows at the left and right to allow the user to go to the previous and next image and at the top there is a tab with the text "Thumbnails" that opens a carousel with small images.

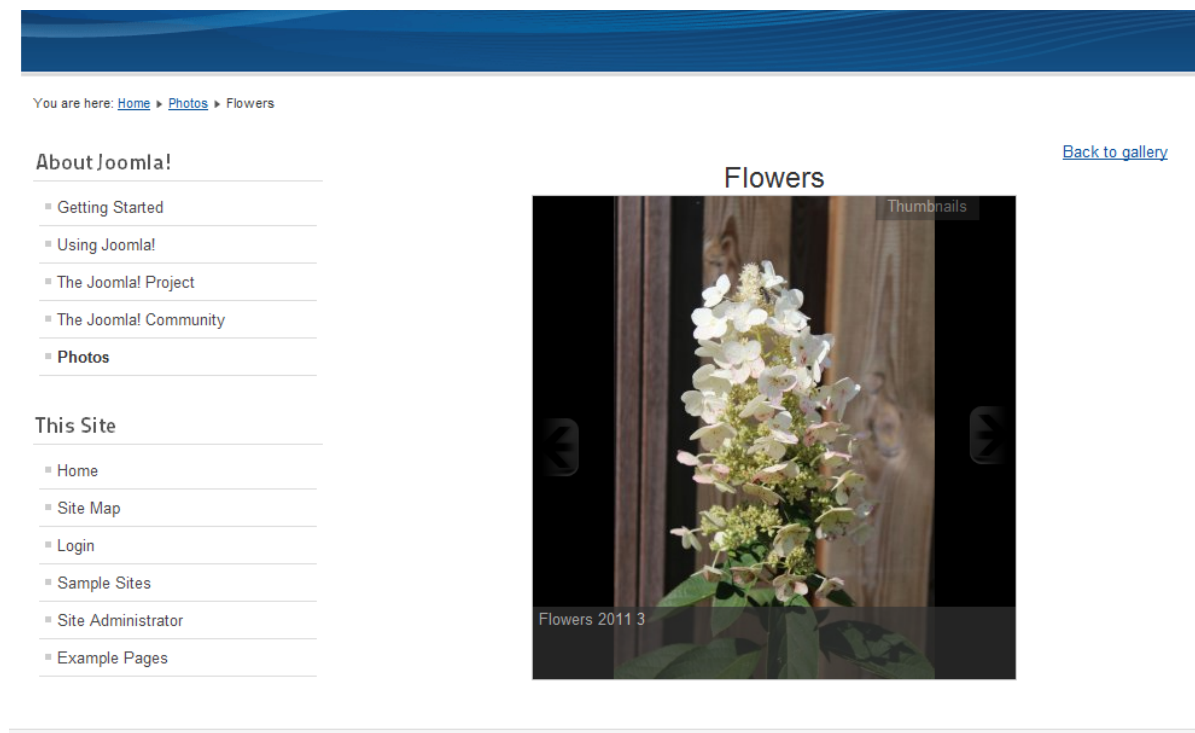


Figure 2.5. Slideshow Parth: with infopane, without Caroussel

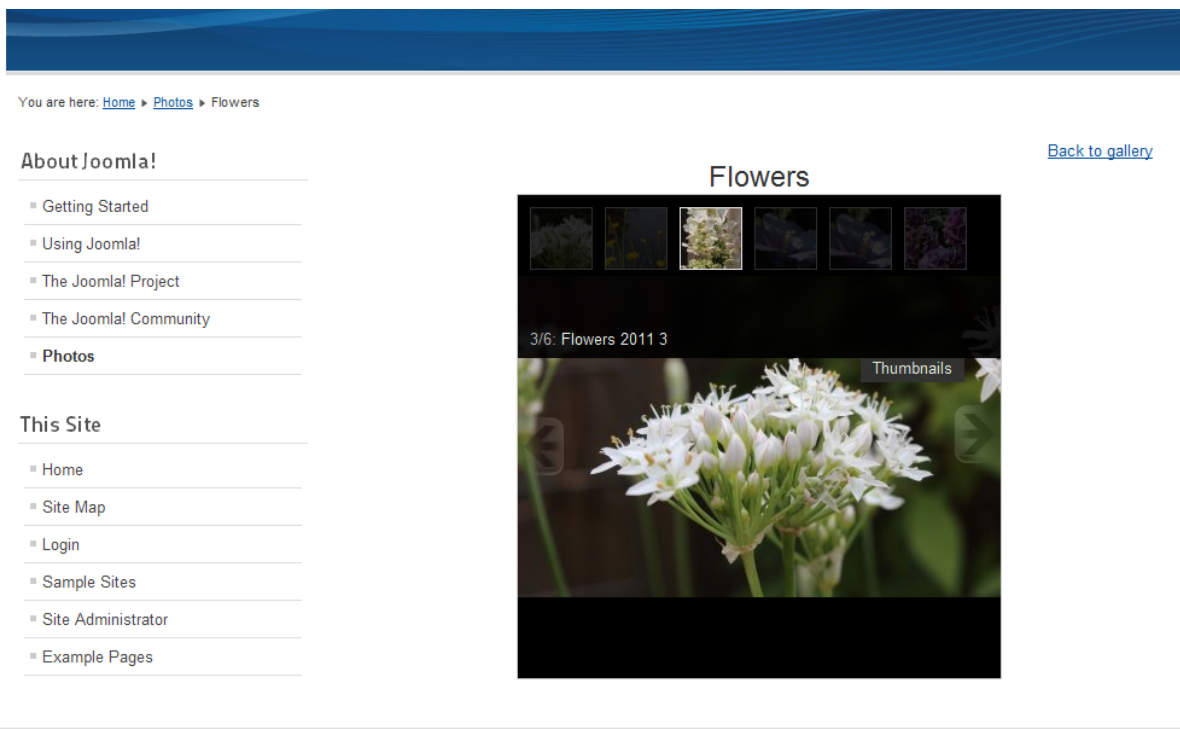


Figure 2.6. Slideshow Parth: without infopane, with Caroussel

In the second figure, there is no infopane at the bottom. At the top the thumbnails-carousel is showing because the user clicked on the tab Thumbnails. Another click on this Thumbnails tab will hide the carousel.

2.4.2. Slideshow One

Slideshow One is a really simple slideshow that only has four buttons: start, stop, previous and next. See Figure 2.7, "Slideshow One" [10]. There are no settings for this slideshow.

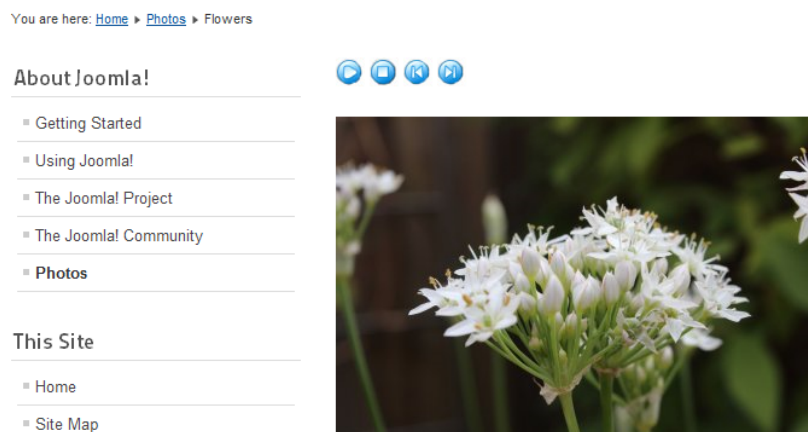


Figure 2.7. Slideshow One

2.5. My Galleries

A site administrator can enable My Galleries (setting Show My Galleries, 'no' by default). When a user logs in in the frontend the main page will then show an extra link: My galleries, right above the search-box. Clicking on that link will show a page like in [Figure 2.8, “My Galleries page for a user without any permissions”](#) [11] or in [Figure 2.9, “My Galleries page for a user with all permissions”](#) [12].

You are here: [Home](#) » [Photos](#)

User Menu

- » Your Profile

About Joomla!

- » Getting Started
- » Using Joomla!
- » The Joomla! Project
- » The Joomla! Community
- » Photos

This Site

- » Home
- » Site Map
- » Login
- » Sample Sites
- » Site Administrator
- » Example Pages

My galleries

User information

Username	User
Maximum usergalleries	5 (0 created)
Maximum images allowed	50 (0 uploaded)

My Images | **My galleries**

My Images

<input type="checkbox"/> Name	Gallery	Published	Delete	Edit
<input type="checkbox"/> Happy birthday! (Cake 1.JPG)	Cakes			
<input type="checkbox"/> Happy birthday! (Cake 2.JPG)	Cakes			
<input type="checkbox"/> Bicycle cake (Cake 3.JPG)	Cakes			
<input type="checkbox"/> Bicycle cake - the inside (Cake 4.JPG)	Cakes			
<input type="checkbox"/> Yellow cake (Cake 5.JPG)	Cakes			
<input type="checkbox"/> Yellow cake - the inside (Cake 6.JPG)	Cakes			

Figure 2.8. My Galleries page for a user without any permissions

The differences in these two figures arise from the different permissions a user can have (see [Section 3.5, “Permissions”](#) [29]), e.g. Edit Permission, Edit State Permission (to publish or unpublish an item or gallery), Delete Permission and Create Permission for items and galleries.

A user with none of these permissions can only see the items and galleries, but cannot publish, delete, edit or create items or galleries. That is reflected on the tabs My Images and My galleries by the grey icons for the items and galleries. That user will also not see the Add Image and Create Gallery tabs.

However, when a user has all permissions, the icons are no longer greyed out, and there are two more tabs: Add Image and Create Gallery.

A site administrator can choose to give only specific permissions to a usergroup, e.g. only Edit permission, and only give that permission for a specific gallery. Then the user will see from the icons being grey (and non-functional) or not if they have that permission.

At the top of the page there is a box with User information: the username of the user who is currently logged in, the number of galleries this user has already created and its allowed maximum (setting Maximum number of galleries a user can have) and the number of items for which the user is the owner and its allowed maximum (setting Max numbers of pictures a user can have).

We will assume for the following sections that the user has all permissions for all galleries and items and that My Galleries are enabled.

You are here: [Home](#) » Photos

User Menu

- » Your Profile
- » Submit an Article
- » Submit a Web Link

About Joomla!

- » Getting Started
- » Using Joomla!
- » The Joomla! Project
- » The Joomla! Community
- » Photos

This Site

- » Home
- » Site Map
- » Login
- » Sample Sites

My galleries

User information	
Username	admin
Maximum usergalleries	5 (5 created))
Maximum images allowed	50 (45 uploaded)

My Images | [Add Image](#) | [My galleries](#) | [Create Gallery](#)

My Images				
<input type="checkbox"/> Name	Gallery	Published	Delete	Edit
<input type="checkbox"/> Happy birthday! (Cake 1.JPG)	Cakes			
<input type="checkbox"/> Happy birthday! (Cake 2.JPG)	Cakes			
<input type="checkbox"/> Bicycle cake (Cake 3.JPG)	Cakes			
<input type="checkbox"/> Bicycle cake - the inside (Cake 4.JPG)	Cakes			
<input type="checkbox"/> Yellow cake (Cake 5.JPG)	Cakes			
<input type="checkbox"/> Yellow cake - the inside (Cake 6.JPG)	Cakes			

Figure 2.9. My Galleries page for a user with all permissions

2.5.1. Galleries

Go to My Galleries via the menu item Photos and then My galleries. You are now on the My galleries page.

2.5.1.1. Create a gallery

On the My galleries page click the Create Gallery tab. This tab only shows when the user that is logged in has Create permission. To create a new gallery, first choose its parent (choose Top gallery when you want the gallery to be on the same 'level' as e.g. the gallery Cakes, or choose an existing gallery, like gallery Cakes, for that to be the parent). Then give the a name and a description and click the little disk button at the top right of the Create Gallery tab. See [Figure 2.10, "My Galleries: tab Create Gallery" \[13\]](#). Next to the disk button is a red round button with a white cross inside: this is the cancel button that will clear all fields.

Saving the gallery details returns you to this page and this tab, but with the extra gallery created (note: this gallery is unpublished by default). Unless of course the user already is at its maximum allowed galleries, then the gallery will not be created.

gallery details (Figure 2.12, “My galleries: Edit gallery” [14]). You can save your changes by clicking the disk-icon on the top right, or you can cancel your changes by clicking the red round icon with the white cross inside. Both save and cancel will take you back to the My Galleries page.

Figure 2.12. My galleries: Edit gallery

2.5.1.4. Delete a gallery

A gallery can be deleted by clicking on the Delete icon (see Figure 2.11, “My galleries: tab My galleries” [13]). You will be asked to confirm the deletion of the gallery. Images still in the gallery will be deleted as well.

2.5.2. Items (images)

Go to My Galleries via the menu item Photos and then My galleries. You are now on the My galleries page.

2.5.2.1. Create an item (e.g. upload one or more images)

On the My galleries page click the Add Image tab. This tab only shows when the user that is logged in has Create permission for one or more galleries. You can either add a single image, or a set of images in a zipfile.

To add your image(s), first choose the gallery that will hold the image(s). Browse to the file to select it and give the item a title and a description. In case of multiple images in a zipfile, this title and description will be used for each image. To upload your image(s) and save the details, click the disk button at the top right of the Create Gallery tab. See Figure 2.13, “My galleries: Add images” [15]. Next to the disk button is a red round button with a white cross inside: this is the cancel button that will clear all fields.

Saving the item returns you to this page and this tab, but with the extra image(s) created (note: the newly uploaded image will be unpublished by default). Unless of course the user already is at its maximum allowed item, then the items will not be created.

3

Backend

In the Backend, accessed via e.g. <http://www.rsgallery2.nl/administrator/>, you can manage your galleries, images and change the configuration settings for RSGallery2. You will find that RSGallery2 works very similar to the way you would make categories in Joomla (galleries in RSGallery2) or articles in Joomla (items, or images in RSGallery2). We will assume that you are logged in in your Backend of your Joomla site as a Super Administrator and as such have all the permissions a user can have.

First we will create a few galleries and upload some images (referred to as items here). Then a menu-item is created so our frontend users can see our galleries. Finally the Configuration settings are discussed as well as Permissions settings.

3.1. Galleries

Before you start creating galleries it's always a good idea to take a moment to think about the structure of galleries. Galleries can be nested, just like Joomla categories can be nested. See [Section 3.1.1.1, "Example galleries" \[19\]](#) for an example.

3.1.1. Create a gallery

To create a gallery (users need to have Create permission) go to Manage Galleries: Backend > Components > RSGallery2 > Galleries (see [Figure 3.1, "Manage Galleries screen" \[17\]](#)) and click New. You will see the screen shown in [Figure 3.2, "New Gallery screen" \[18\]](#).

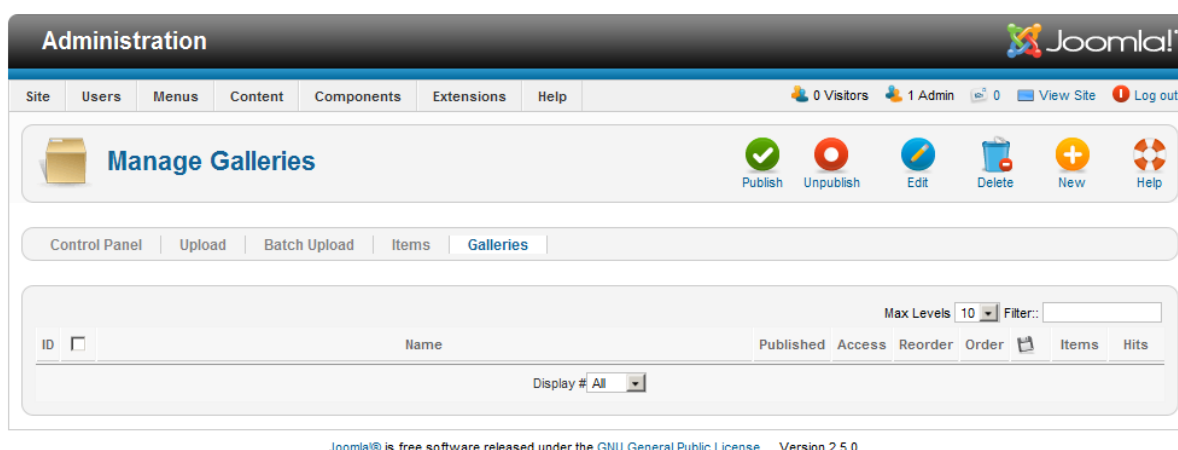


Figure 3.1. Manage Galleries screen

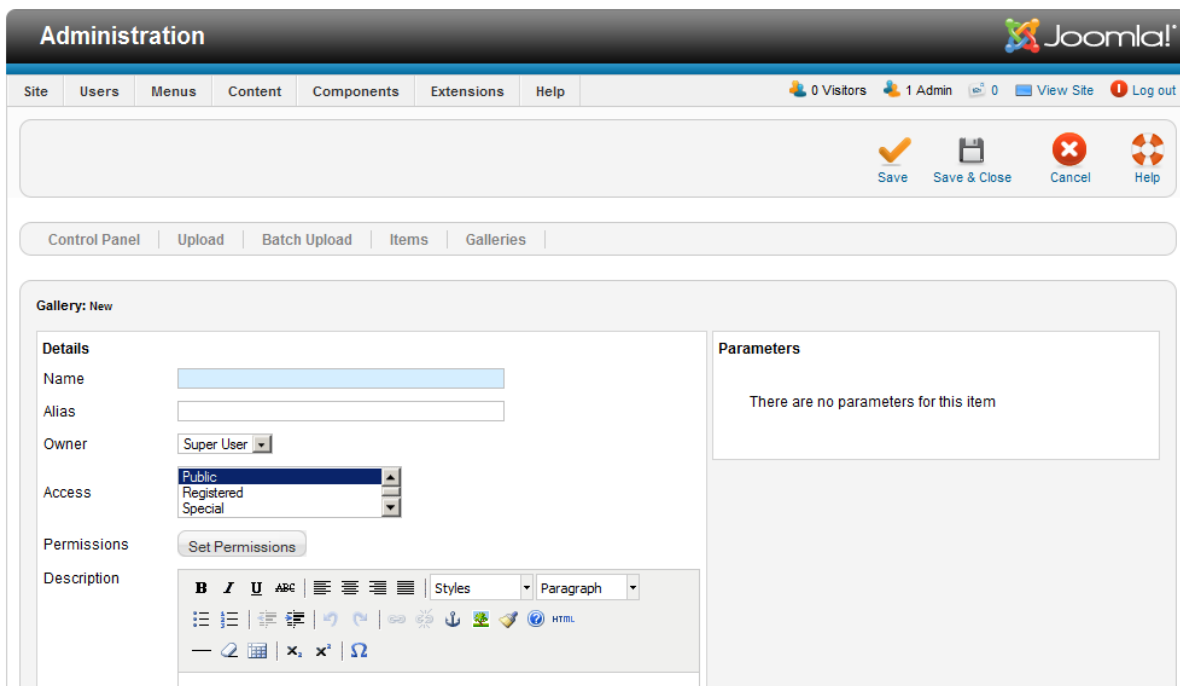


Figure 3.2. New Gallery screen

There are several settings in this screen

- **Name:** sets the name of your gallery, it is the only required field.
- **Alias:** you can leave this empty and Joomla will create an alias based on the Name you entered when you save the gallery or you can enter an alias yourself. The alias is used in [Search Engine Friendly URLs](#)¹, so the only characters allowed are lowercase letters and dashes, letters with a [diacritic](#)² will automatically be converted (e.g. *ü* to either *u* (dutch) or *ue* (german), based on the transliteration of the language used).³
- **Owner:** shows which user owns the gallery. Users with Configure permission can change which user is the owner.
- **Access:** sets which usergroup can see this gallery in the frontend.
- **Permissions:** this button will take you to the Gallery Permissions at the bottom of the page. It is only visible for users with Configure permission.
- **Description:** the description for the gallery.
- **Parent gallery:** sets the parent of this gallery. If galleries are nested you can see to which parent gallery a subgallery belongs to.
- **Gallery thumbnail** (only available when the gallery holds items): by default a random thumbnail sized image is shown for the gallery, here you can choose a specific thumbnail.
- **Ordering:** by default, a new gallery is saved to the first position. The order can be changed after the gallery is saved.
- **Published:** is the gallery published or not?
- **Gallery Permissions:** users with Configure permission can set the allowed actions for each user-group. See [Section 3.5, "Permissions" \[29\]](#) for more information on this subject.

¹ http://docs.joomla.org/Search_Engine_Friendly_URLs

² <http://en.wikipedia.org/wiki/Diacritic>

³ Transliteration is handled by the language pack that you use. If you want to know how this works or how to override this, see for example http://docs.joomla.org/Making_a_Language_Pack_for_Joomla_1.6#Example_of_the_function_to_add_when_custom_transliteration_is_desired and http://docs.joomla.org/International_Enhancements_for_Version_1.6

Give your new gallery at least a Name and click Save (to save and return to this screen) or Save & Close (to save and return to the Manage Galleries screen ([Figure 3.1, “Manage Galleries screen” \[17\]](#))).

3.1.1.1. Example galleries

As an example five galleries are created in this structure:

- Cakes (only entered the Name here)
- Flowers (only entered the Name here)
- Hollidays (only entered the Name here)
 - France Embrun 2010 (entered the Name and chose Hollidays as Parent Gallery)
 - Switzerland 2009 (entered the Name and chose Hollidays as Parent Gallery)

[Figure 3.3, “Manage Galleries screen just after creating the five example galleries.” \[19\]](#) shows the five galleries that were just created. You can tell that France Embrun 2010 and Switzerland 2009 are subgalleries of Hollidays, Hollidays is their parent gallery.

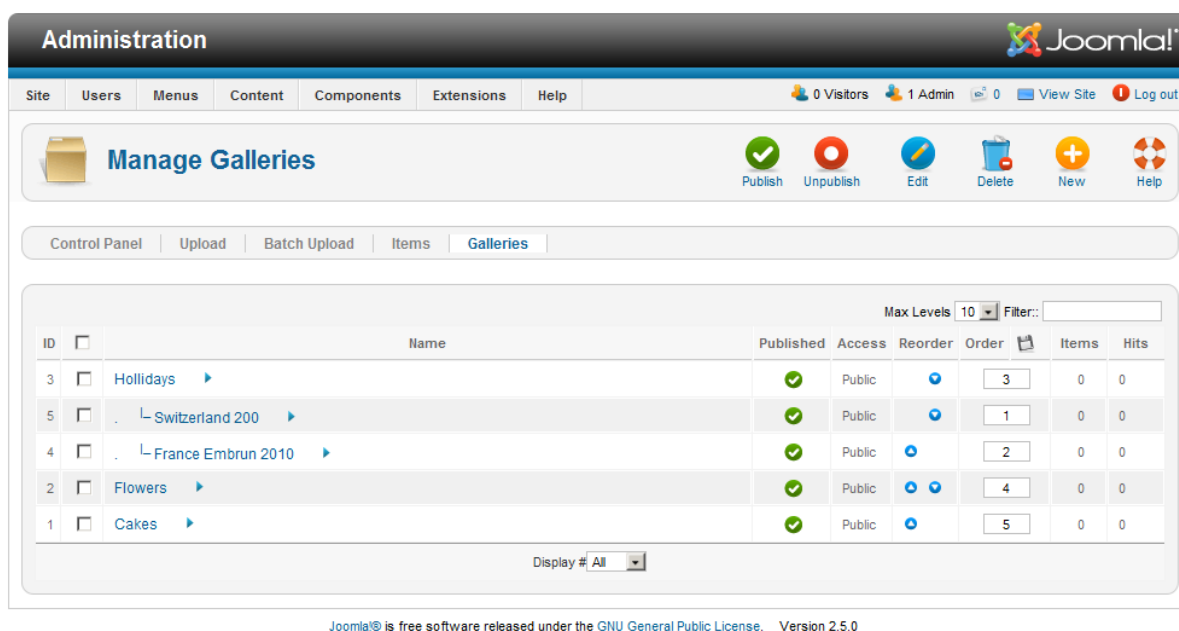


Figure 3.3. Manage Galleries screen just after creating the five example galleries.

3.1.2. Change the order of galleries

Changing the order of the galleries is easiest in the Manage Galleries screen shown in [Figure 3.3, “Manage Galleries screen just after creating the five example galleries.” \[19\]](#), this works just like changing the order for Joomla Categories. A user needs Edit State permission to be allowed to change the order.

Go to the Manage Galleries screen via Backend > Components > RSGallery2 > Galleries. There are two ways to change the order:

- In the Reorder column you can click the blue and white up and down icons to move each gallery individually (these icons are not shown for users without Edit State permission).
- In the Order column you can change the numbers (but only when you have Edit State permission) and click the little Save Order floppy disk icon next to the Order text.

3.1.3. Change the state of the gallery: published or unpublished

The state of the gallery, published or unpublished, can be changed by users with Edit State permission. Changing the state of the galleries is easiest in the Manage Galleries screen shown in [Figure 3.3, "Manage Galleries screen just after creating the five example galleries."](#) [19]. All galleries shown in this image are published: there is a green icon with a white checkmark in the column Published. Unpublished galleries would have a red icon with a white dot inside. This works the same as in the rest of Joomla.

Go to the Manage Galleries screen via Backend > Components > RSGallery2 > Galleries. There are two ways to change the state:

- Click the icon in the Published column to change the state from Published (green icon with with checkmark) to Unpublished (red icon with white dot) and vice versa.
- Select one or more galleries by checking the checkboxes at the left of the gallery name and click the Publish or Unpublish icon in the toolbar at the top of the page.

3.1.4. Edit a gallery

You can edit the details for a saved gallery if you have Edit permission or Edit Own permission and you are the owner of the gallery. In the Manage Galleries screen (go there via Backend > Components > RSGallery2 > Galleries), either click on the gallery name, or check the checkbox left to the gallery name and click Edit. You can easily tell which galleries you are allowed to edit, because their names are links to the Edit Gallery screen.

The Edit Gallery screen is almost the same as the New Gallery screen ([Figure 3.2, "New Gallery screen"](#) [18]), so refer to [Section 3.1.1, "Create a gallery"](#) [17] for a descriptions of the settings.

We edit the gallery "Switzerland 200" that has a typo to change its name to "Switzerland 2009".

3.1.5. Delete a gallery

Deleting a galley is a two step proces, you will be asked to confirm the deletion in the second step. When a gallery is deleted, its items (images) and subgalleries will be deleted as well. Users need Delete permission to be able to delete a gallery.

A gallery can be deleted via the Manage Galleries screen (go there via Backend > Components > RSGallery2 > Galleries), check the checkbox left to the gallery or galleries you want to delete and click Delete. When you're sure you want to delete the selected galleries and their items (images) and sub-galleries click Confirm Removal.

3.2. Items (images)

Galleries contain items, for most users these items will be images with e.g. a title and description, we'll mix the usages of the words image and item.⁴

The types of images that can be uploaded are jpg, jpeg, gif and png images.

3.2.1. Create items

An RSGallery2 item is created when you upload an image. Users need Create permission for a specific gallery to be able to upload images to that gallery. You can either upload up to ten single images via Upload or upload a batch of files via an archive (e.g. zip file) or via FTP. Both are explained in the next sections.

3.2.1.1. Upload

We'll start with uploading a few images via Upload: Backend > Components > RSGallery2 > Upload. See [Figure 3.4, "Upload screen"](#) [21].

⁴RSGallery2 has also some capabilities for video and MP3 files, however, these capabilities are not discussed here and this function is currently 'as-is' and is not being developed.

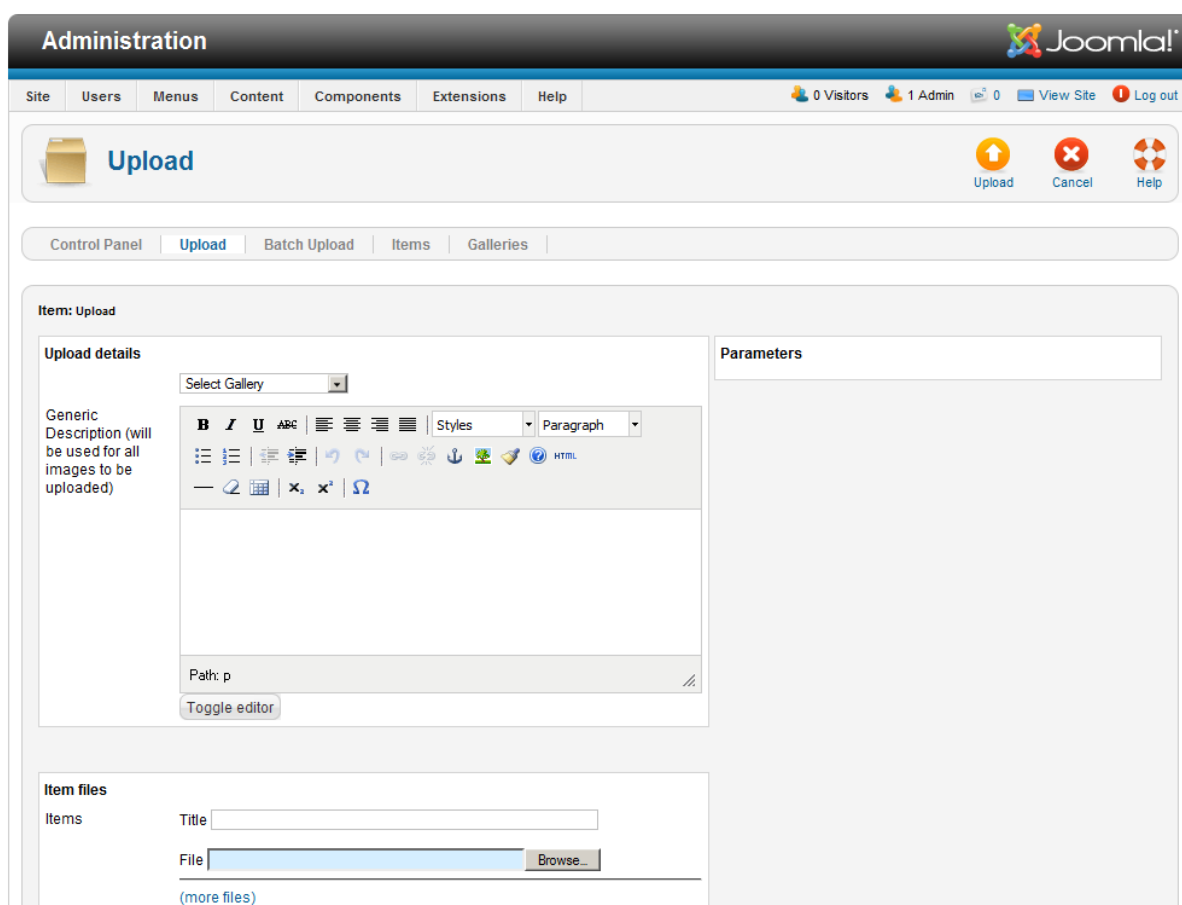


Figure 3.4. Upload screen

Here you can upload up to 10 single items. These are the settings

- At the top you have to select a gallery, all uploaded images will go into this gallery. This list will show you all galleries available, but users can only select galleries for which they have Create permission. Note: "Top gallery" is not an actual gallery, you cannot place images there, only galleries.
- You can give a description which will be the description for each of the images that will be uploaded. This is not required.
- Per image you can optionally give a title. If no title is given, the filename will be used, unless the image has IPTC settings for the title. @ @Todo: link to IPTC configuration settings
- The location of the file you want to upload is required: just click in the inputbox or on the Browse button and a window will open that lets you select your file.
- At the bottom of the page you can press "(more files)" which will give you another set of inputboxes for a second image: title and file. This way you can upload up to ten images.

When ready, just click Upload in the toolbar at the top of the page. You are taken to the Manage Items screen when the image is uploaded successfully, it shows a list of your images. In this screen there is an Upload button in the toolbar that will take you to the Upload screen of figure [Figure 3.4, "Upload screen" \[21\]](#) that you just used to upload one or more images.

3.2.1.2. Batch Upload

Next we'll upload a batch of images via Batch Upload: Backend > Components > RSGallery2 > Batch upload. See [Figure 3.5, "Batch upload screen - step 1" \[22\]](#). Batch upload is a two-step process.

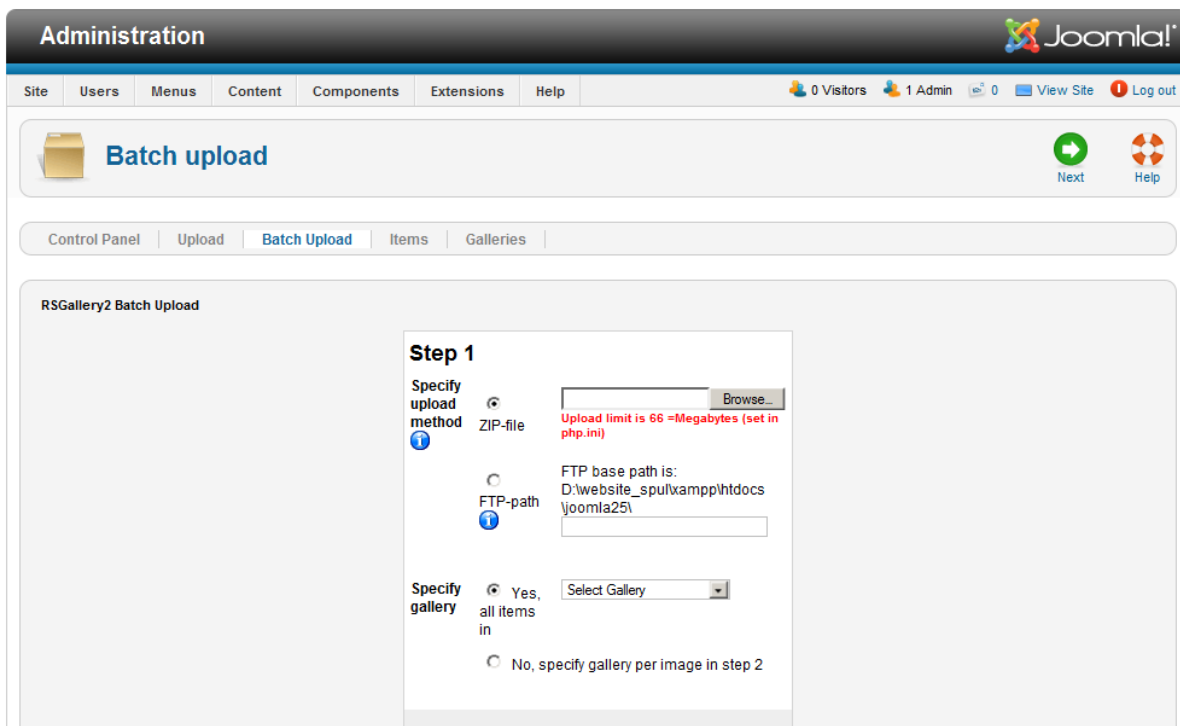


Figure 3.5. Batch upload screen - step 1

In the first step there are two choices:

- Specify the upload method: Zip file (archive) or FTP.
 - Zip file (archive): browse to an archive file (e.g. zip file) and select it. Note: The size that such an archive file can have is not only determined by the upload limit set on your website, but also on time out limits. If an archive fails to upload either try a smaller archive file, or use the FTP method.
 - FTP: You will have to upload the images by FTP yourself to a location within your webroot. The location of the webroot is indicated on the screen. You can create, for example, a directory / tempupload/ in your webroot and put the full path to this directory here. For windows users who use Xampp (webaddress <http://localhost/joomla25/>) this may become C:\xampp\htdocs\rsgallery2\tempupload\ where the webroot is C:\xampp\htdocs\rsgallery2\. On *nix systems this may be /home/vhosts/rsgallery2.nl/httpdocs/tempupload/ where the webroot is /home/vhosts/rsgallery2.nl/httpdocs/. Note: do not forget the trailing slash, without it you'll get a message "No files found to process!".
- Specify the gallery: either choose the gallery that will hold all images that you will upload in this batch, or choose to specify the gallery for each of the images in the second step of the batch upload.

Click the toolbar button Next at the top to go to the second step.

In the second step you can (optionally) give each image a title and description, and indicate if an image in the archive should not be uploaded by marking the Delete checkbox. Depending on your choice in Specify gallery, you cannot change the gallery, or you will see a dropdown list of available galleries. See [Figure 3.6, "Batch upload screen - step 2" \[23\]](#).

Click the toolbar button Upload to create the images in the chosen RSGallery2 gallery.

Figure 3.6. Batch upload screen - step 2

After the images are successfully uploaded you are redirected to either the Items screen (single file upload) or the Control Panel (Batch upload).

3.2.2. Change the order of items

Changing the order of the galleries is easiest in the Manage Items screen shown in [Figure 3.7, “Manage Items screen” \[24\]](#), this works just like changing the order for Galleries. A user needs Edit State permission to be allowed to change the order.

Go to the Manage Items screen via: Backend > Components > RSGallery2 > Items. There are two ways to change the order:

- In the Reorder column you can click the blue and white up and down icons to move each gallery individually (these icons are not shown for users without Edit State permission).
- In the Order column you can change the numbers (but only when you have Edit State permission) and click the little Save Order floppy disk icon next to the Order text.

ID	Title (filename)	Published	Reorder	Order	Gallery	Hits	Date & time
1	Happy birthday! (Cake 1.JPG)	✓	⬆ ⬇ ⬆	1	Cakes	0	2012-01-11 14:18:45
2	Happy birthday! (Cake 2.JPG)	✓	⬆ ⬇ ⬆	2	Cakes	0	2012-01-11 14:21:32
3	Bicycle cake (Cake 3.JPG)	✓	⬆ ⬇ ⬆	3	Cakes	0	2012-01-11 14:21:34
4	Bicycle cake - the inside (Cake 4.JPG)	✓	⬆ ⬇ ⬆	4	Cakes	0	2012-01-11 14:21:36
5	Yellow cake (Cake 5.JPG)	✓	⬆ ⬇ ⬆	5	Cakes	0	2012-01-11 14:21:38
6	Yellow cake - the inside (Cake 6.JPG)	✓	⬆ ⬇ ⬆	6	Cakes	0	2012-01-11 14:21:41
7	Flowers 2011 1 (Flowers 2011 1.JPG)	✓	⬆ ⬇ ⬆	1	Flowers	0	2012-01-11 14:39:43
8	By the water (Flowers 2011 2.JPG)	✓	⬆ ⬇ ⬆	2	Flowers	0	2012-01-11 14:39:45
34	Flowers 2011 3 (Flowers 2011 3.JPG)	✓	⬆ ⬇ ⬆	3	Flowers	0	2012-01-11 15:19:19
9	Flowers 2011 4 (Flowers 2011 4.JPG)	✓	⬆ ⬇ ⬆	4	Flowers	0	2012-01-11 14:39:47
10	Flowers 2011 5 (Flowers 2011 5.JPG)	✓	⬆ ⬇ ⬆	5	Flowers	0	2012-01-11 14:39:48

Figure 3.7. Manage Items screen

3.2.3. Change the state of the item: published or unpublished

The state of an item, published or unpublished, can be changed by users with Edit State permission. Changing the state of an item is easiest in the Manage Items screen shown in [Figure 3.7, “Manage Items screen” \[24\]](#). All items shown in this image are published: there is a green icon with a white checkmark in the column Published. Unpublished galleries would have a red icon with a white dot inside. This works the same as in the rest of Joomla.

Go to the Manage Items screen via Backend > Components > RSGallery2 > Items. There are two ways to change the state:

- Click the icon in the Published column to change the state from Published (green icon with with checkmark) to Unpublished (red icon with white dot) and vice versa.
- Select one or more galleries by checking the checkboxes at the left of the item name and click the Publish or Unpublish icon in the toolbar at the top of the page.

3.2.4. Edit an item

You can edit the details for a saved item if you either have Edit permission or you have Edit Own permission and you are the owner of the item. In the Manage Item screen (go there via Backend > Components > RSGallery2 > Items), either click on the item name, or check the checkbox left to the item name and click Edit. You can easily tell which galleries you are allowed to edit, because their names are links to the Edit Gallery screen.

The Edit Gallery screen shows these settings:

- Name: sets the name of your item, it is a required field.

- Alias: you can leave this empty and Joomla will create an alias based on the Name you entered when you save the item or you can enter an alias yourself. The alias is used in [Search Engine Friendly URLs](#)⁵, so the only characters allowed are lowercase letters and dashes, letters with a [diacritic](#)⁶ will automatically be converted (e.g. *ü* to either *u* (dutch) or *ue* (german), based on the transliteration of the language used).⁷
- Owner: shows which user owns the item. Users with Configure permission can change which user is the owner.
- Filename: shows the filename (this cannot be changed).
- Gallery: shows which gallery the item belongs to, it is a required field.
- Permissions: this button will take you to the Item Permissions at the bottom of the page. It is only visible for users with Configure permission.
- Description: the description for the item.
- Ordering: change the order of the items in the gallery. Note: if you change the gallery an item belongs to, first save your changes and then you can change the order of the items in that gallery. E.g. this list only shows the items in the gallery that the item belonged to when you started to Edit this item.
- Published: is the item published or not?
- Item Permissions: users with Configure permission can set the allowed actions for each usergroup. See [Section 3.5, "Permissions" \[29\]](#) for more information on this subject.

Besides these Settings in the Details section, there is also an Item preview, showing the Display image for this item. Two parameters called Link and Link text that are used for one of the RSGallery2 plugins (see [Section 4.3.1, "Display image plugin" \[31\]](#)) and the links to the Thumbnail, Display and Original images for this item for quick display and reference for the user.

Make the changes you want and click either Save (to return to this screen) or Save & Close (to return to the Manage Items screen). If you do not want to apply your changes you can click Cancel and you're taken to the Manage Items screen.

3.2.5. Delete an item

In the Manage Item screen ([Figure 3.7, "Manage Items screen" \[24\]](#), go there via Backend > Components > RSGallery2 > Items), you can delete images for which you have delete permission. Check the checkboxes corresponding to the images you want to delete and click Delete. Be careful though, you won't be asked to confirm your deletion!

3.2.6. Copy or move an item

Items can be moved or copied to a different gallery than they currently belong to in the Manage Item screen ([Figure 3.7, "Manage Items screen" \[24\]](#), go there via Backend > Components > RSGallery2 > Items). Check the checkboxes corresponding to the images you want to either move or copy and in the Copy/Move box select the destination gallery. Then click either Move To or Copy depending on what you want.

3.2.7. Reset hits

In the Manage Item screen ([Figure 3.7, "Manage Items screen" \[24\]](#), go there via Backend > Components > RSGallery2 > Items) there is a column with the number of Hits for each item. This counts the number of times the specific image is shown individually (see [Figure 2.4, "Item page showing the display image of one item and its details" \[8\]](#)).

⁵ http://docs.joomla.org/Search_Engine_Friendly_URLs

⁶ <http://en.wikipedia.org/wiki/Diacritic>

⁷ Transliteration is handled by the language pack that you use. If you want to know how this works or how to override this, see for example http://docs.joomla.org/Making_a_Language_Pack_for_Joomla_1.6#Example_of_the_function_to_add_when_custom_transliteration_is_desired and http://docs.joomla.org/International_Enhancements_for_Version_1.6

You can reset this number to 0 by selecting the images for which you want to reset the number of hits and then clicking Reset hits.

3.3. Create an RSGallery2 menu item

Frontend users can only see your galleries and images if you provide them with a menu link to your galleries. Such a menu link is created in the Backend.

We're assuming that you are logged in in the Backend and that you have Joomla's Sample Data installed. We will create a menu link in the About Joomla menu.

Go to the Menu Manager: Backend > Menus > Menu Manager, this will show you all your available menus. Click on About Joomla. There is also a shorter way to get here: Backend > Menus > About Joomla, you can use either way. This will take you to the Menu Manager for the About Joomla menu, see [Figure 3.8, "Menu Manager: About Joomla menu" \[26\]](#), in this screen you click on New. You are taken to a screen where you can enter all the details of your new menu item ([Figure 3.9, "Menu Manager: New Menu Item with RSGallery2 View of galleries chosen" \[27\]](#) shows the screen with the details filled out).

<input type="checkbox"/>	Title	Status	Ordering	Access	Menu Item Type	Home	Language	ID
<input type="checkbox"/>	Getting Started (Alias: getting-started)	✓	1	Public	Articles » Single Article	☆	All	437
<input type="checkbox"/>	Using Joomla! (Alias: using-joomla)	✓	2	Public	Articles » Single Article	☆	All	280
<input type="checkbox"/>	Using Extensions (Alias: extensions)	✓	1	Public	Articles » List All Categories	☆	All	277
<input type="checkbox"/>	Components (Alias: components)	✓	1	Public	Articles » Category Blog	☆	All	268
<input type="checkbox"/>	Content Component (Alias: content-component)	✓	1	Public	Articles » Single Article	☆	All	266

Figure 3.8. Menu Manager: About Joomla menu

Administration Joomla!

Site Users Menus Content Components Extensions Help 0 Visitors 1 Admin 0 View Site Log out

Menu Manager: New Menu Item Save Save & Close Save & New Cancel Help

Details

Menu Item Type * View of galleries Select

Menu Title * Photos

Alias

Note

Link index.php?option=com_rsgallery2&view=galler

Status Published

Access Public

Menu Location * About Joomla!

Parent Item Menu Item Root

Ordering Ordering will be available after saving

Target Window Parent

Default Page ☒ No ☐ Yes

Language All

Required Settings

Choose gallery * Root gallery

Link Type Options

Page Display Options

Metadata Options

Module Assignment for this Menu Item

Figure 3.9. Menu Manager: New Menu Item with RSGallery2 View of galleries chosen

First, click on select next to Menu Item Type, a new window will popup (Figure 3.10, “Menu Manager: New Menu Item: Select a Menu Item Type” [27]). Find RSGallery2 and you'll see two options, choose View of galleries.

Administration Joomla!

Site Users Menus Content Components Extensions Help 0 Visitors 1 Admin 0 View Site Log out

Menu Manager: New Menu Item Save Save & Close Save & New Cancel Help

Select a Menu Item Type:

Contacts

- List All Contact Categories
- List Contacts in a Category
- Single Contact
- Featured Contacts

Smart Search

- Search

RSGallery2

- View of galleries
- Slideshow view

Weblinks

- List All Web Link Categories

Articles

- Archived Articles
- Single Article
- List All Categories
- Category Blog
- Category List
- Featured Articles
- Create Article

Newsfeeds

- List All News Feed Categories
- List News Feeds in a Category
- Single News Feed

Search

- Search Form or Search Results

Users Manager

- Login Form
- User Profile
- Edit User Profile
- Registration Form
- Username Reminder Request
- Password Reset

Wrapper

- Iframe Wrapper

Figure 3.10. Menu Manager: New Menu Item: Select a Menu Item Type

With your choice two of the fields in the New Menu Item screen are filled: the Menu Item Type and the Link. You need to give your new menu item a title at Menu Title. Enter for example 'Photos'. At the right of the screen you'll see some component specific settings. For this menu item you can choose which gallery to use as a base gallery. By default Root gallery is chosen, this is the top level that contains all galleries. This Root gallery has no images of its own. We'll choose Root gallery here. [Figure 3.9, "Menu Manager: New Menu Item with RSGallery2 View of galleries chosen" \[27\]](#) shows the settings that we've chosen. Now click on Save and your menu item is created. Check this in the frontend ([Figure 3.11, "Frontend: About Joomla menu has a new link: Photos" \[28\]](#)).

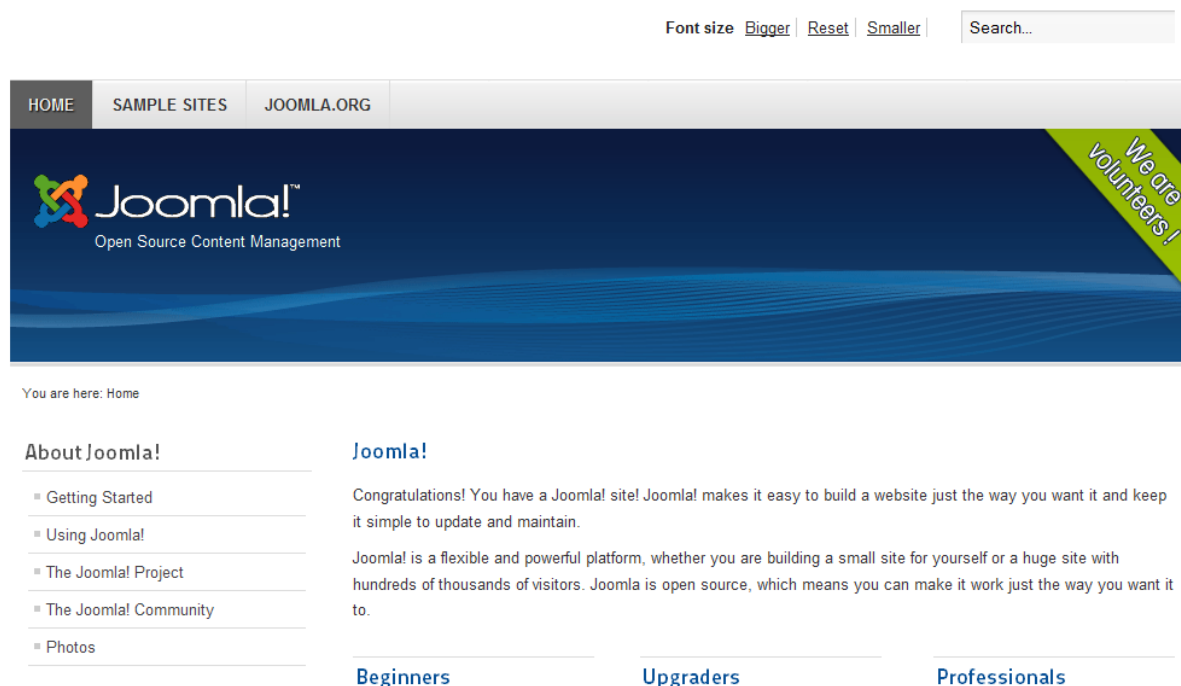


Figure 3.11. Frontend: About Joomla menu has a new link: Photos

Of course you can create another menu item, also with the type View of galleries, but with a different gallery. Try that and see in the frontend what you'll get with this setting. And instead of the type View of galleries you can also make a menu item with the type Slideshow view instead of View of galleries. This will give your frontend user a menu item showing a slideshow for a specific gallery. Here you cannot choose the Root gallery (remember, the Root gallery only contains galleries, no images), you can choose any gallery from the list.

3.4. Configurations settings

RSGallery2 has many settings to allow you to display your images the way you would like to. They are all set in the Configuration. Go to the Backend > Components > RSGallery2 > Control Panel and click on Configuration. The Configuration shows a set of four tabs: General, Images, Display and My galleries (see [Figure 3.12, "Configuration" \[29\]](#)).

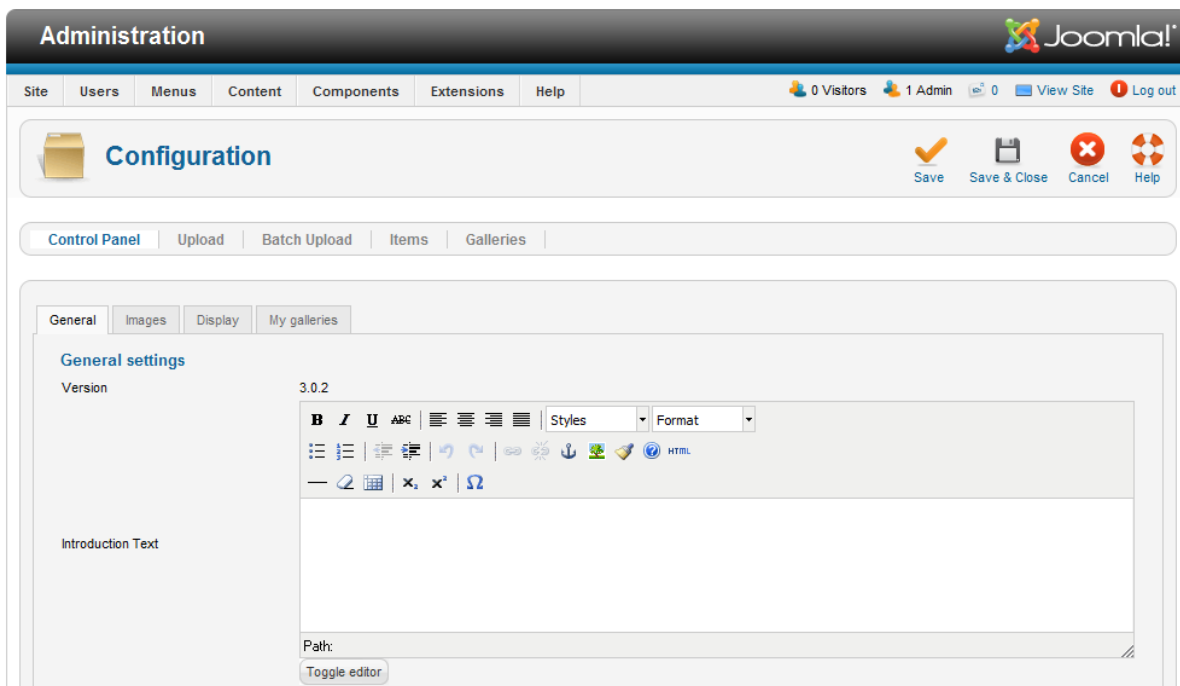


Figure 3.12. Configuration

The settings on each of these tabs will be explained in the next sections.

When you want to change settings you have to click the Save button after you choose a new setting, only then will a new setting be applied.

3.4.1. Configuration: General

Work in progress...

3.4.2. Configuration: Images

Work in progress... (all about the images, most important: Display Picture Width, Thumbnail Width and Thumbnail Style, these hold for new uploads only, also checkout Maintenance [Section 3.6, "Maintenance" \[30\]](#))

3.4.3. Configuration: Display

Work in progress... (what to display and how to display it)

3.4.4. Configuration: My galleries

Work in progress... (about frontend upload)

3.5. Permissions

Basic information: http://docs.joomla.org/ACL_Tutorial_for_Joomla_1.6#Controlling_What_Users_Can_See.

Enable/disable Voting via Options button

Enable/disable Comments via Options button

In the RSG2 Control Panel there are two Help buttons (for those with Admin permission), one of them holds RSGallery2 Options (ACL) Help with information on this subject.

Work in progress...

3.6. Maintenance

Regenerate display images and thumbnails when their sizes should change based on new settings.

Work in progress...

3.7. Template Manager

Set the default template for RSGallery2 (by default Semantic, which is the only template besides some slideshow templates).

Should get information from thread http://www.rsgallery2.nl/display_and_templates/how_create_your_own_template_or_modify_semantic_template_16758.0.html in here.

Work in progress...

3.7.1. Slideshow Parth settings

Manage template > Edit: takes you to the settings for Slideshow Parth.

Instructions

- Go to the frontend and view a slideshow (this creates a params.ini file in the slideshow parth template directory, only when this file exists (and is writable) you can save your settings)
- View settings: Backend > Components > RSGallery2 > Control Panel > Template Manager > Manage > select: Slideshow_Parth > click: Edit * Edit settings and click Save

Work in progress...

3.8. Control Panel

Work in progress... (most of that is discussed in previous sections without actually mentioning that, except the version, the changelog, the license for RSGallery2 and the list of galleries, items and credits).

4

Miscellaneous

4.1. Translations

Work in progress... (Information from http://www.rsgallery2.nl/general_language_and_translation_questions/how_create_language_translation_file_16639.0.html should be included here.)

Translators are always welcome!

4.2. Modules

Note: currently only available for RSGallery2 2.x on Joomla 1.5.x, not for Joomla 2.5.x.

4.3. Plugins

4.3.1. Display image plugin

Note: currently only available for RSGallery2 2.x on Joomla 1.5.x, not for Joomla 2.5.x.

4.3.2. Display gallery plugin

Note: currently only available for RSGallery2 2.x on Joomla 1.5.x, not for Joomla 2.5.x.

4.4. Development

Work in progress...

Anyone who wants to contribute, by answering questions from users, with bug fixes, new features, new (slideshow) templates, language file updates, etc., etc. is more than welcome to do so. Go to www.rsgallery2.nl and start sharing! (Note: RSGallery2 has always been and will always be a non-commercial project!)

4.5. License

RSGallery2 is distributed with a GNU/GPL License (GPLv2 or later). See <http://www.gnu.org/copyleft/gpl.html>.