

# RSGallery2 Documentation

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Version 2019.01.26

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(<http://www.rsgallery2.org/index.php/documentation/>)

([http://www.rsgallery2.org/index.php?option=com\\_content&view=article&id=&catid=](http://www.rsgallery2.org/index.php?option=com_content&view=article&id=&catid=))

2. **Upload (2)**

## Installation

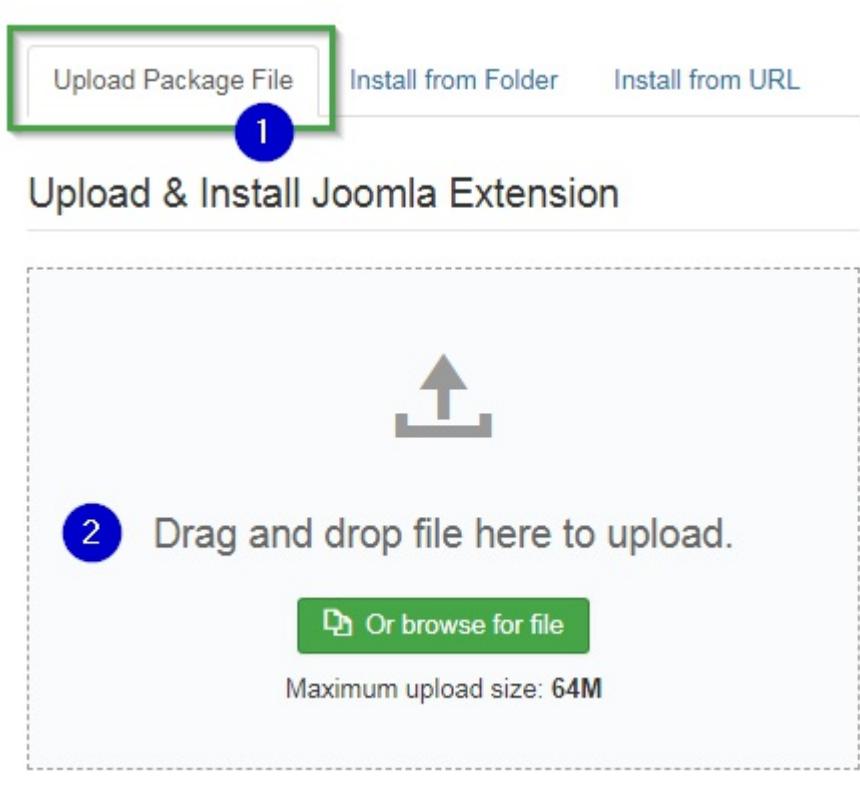
1. Download the main RSGallery2 component

On github look for the newest version (v4.2.0++) [Releases of component](#)

Inside the assets you will find a zip file with a name like **RSGallery2\_Component\_4\_2\_0.zip**. Download and install the newest zip file matching this name and a newer version number

## 2. Install RSGallery2 component

RSGallery2 is installed like all other Joomla! extensions. Log in to the Administrator section, click on Extensions > Manage >Install



(1) Select "upload package file" tab

(2) Drag and drop the downloaded zip file into the drop area

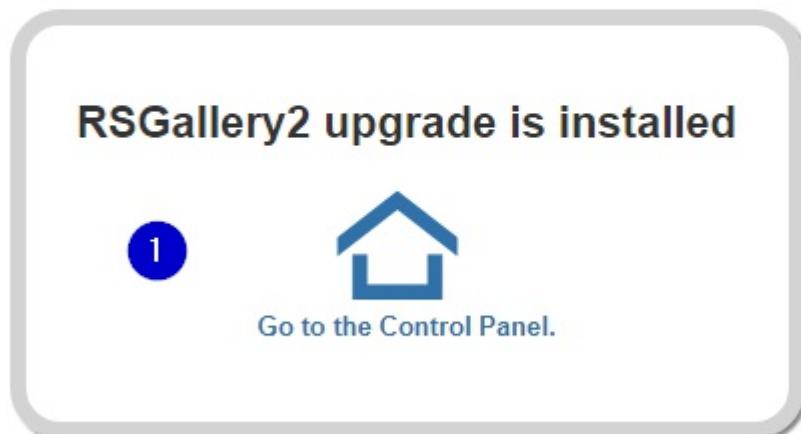
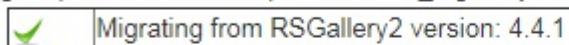
On successful upload you will get a message similar to

RSGallery2 is a full featured gallery component for Joomla! Visit the official site for FAQ, support forum [www.forum.rsgallery2.org](http://www.forum.rsgallery2.org) and latest news: [www.rsgallery2.org](http://www.rsgallery2.org).

Installing component manifest file version = 4.4.1

Old/current component version (manifest cache) = 4.4.1

Preflight update checks complete for com\_rsgallery2 component. 4.4.1 to 4.4.1



You have updated com\_rsgallery2 component.

Postflight update checks complete for com\_rsgallery2 component.

On upload error try to transfer (?the content of?) the zip file to the server and use "Install from folder". (Some php.ini settings restrict the size of uploaded files)

Clicking on (1) will lead to the RSGallery2 control panel

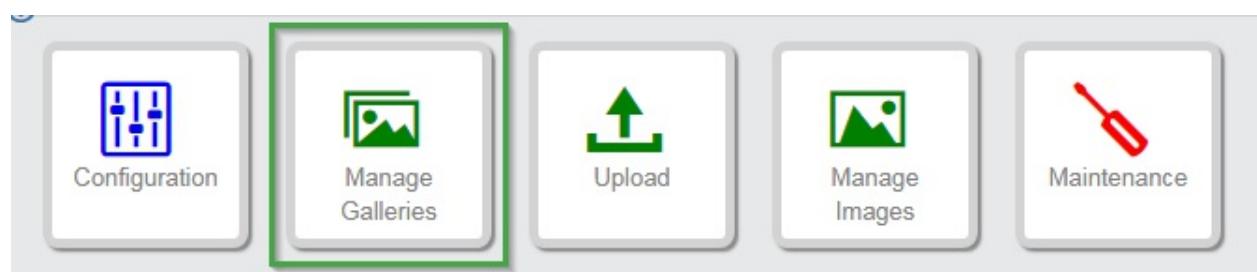
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## First steps

Three steps are needed to display galleries

1. Create a gallery
  2. Upload images
  3. Create a menu to view galleries
- 

### First steps (1) Create a gallery



In control panel select "Manage Galleries"

## Manage Galleries

1

New Edit Delete Publish Unpublish

Use new to start a new gallery

### Edit gallery

2

Save Save & Close Save & New Cancel

Name  1

Alias

(1) Add a name

(2) Create the gallery with click on "Save and Close"

Following gallery list view appears with new gallery on top

## Manage Galleries

New Edit Delete Publish

Message  
Item saved.

#	Status	Name	images	Parent ID
1	<input checked="" type="checkbox"/>	FirstGallery	0	0

## First steps (2) Upload images

a) Prepare 4 small images (example each image < 1MB)

Select upload form

Select Upload in Control panel or in sidebar

Sidebar:

The screenshot shows the 'Manage Galleries' sidebar. On the left, there's a vertical menu with options: 'Control Panel' (disabled), 'Galleries' (selected and highlighted with a blue box and a circled '1'), 'Upload' (disabled), and 'Images'. At the top right, there are buttons for 'New', 'Edit', 'Delete', 'Publish', and 'Unpublish'. Below the menu is a search bar with a magnifying glass icon and a 'Select' button. A table lists one gallery: '# 1', 'Status' (green checkmark), 'Name' (FirstGallery), 'images' (0). There's also a small circular icon with a right-pointing arrow.

### Upload files

The screenshot shows the 'Upload files' interface. At the top, there are three tabs: 'Upload by drag and drop' (selected and highlighted with a green box and circled '1'), 'Upload from Zip (PC)', and 'Upload from folder (server)'. Below the tabs, there's a section to 'Specify gallery \*' with a dropdown menu containing 'FirstGallery' (highlighted with a green box and circled '2'). A large dotted area is labeled 'Drag images here' (circled '3') with a central upload icon. Below this is a 'Select files' button. At the bottom, there's a 'Add image properties' button (circled '4').

1. Select tab "Upload by drag and drop"

2. Select your created gallery
3. Drag and drop the prepared Images

After some time they will appear in the drag area. Then they are successfully uploaded

Resulting form:

Specify gallery \*  ▾



DSC\_5520.JPG (87:2) DSC\_5518.JPG (88:1) DSC\_5526.JPG (88:3) DSC\_5527.JPG (89:4)

5

Drag images here



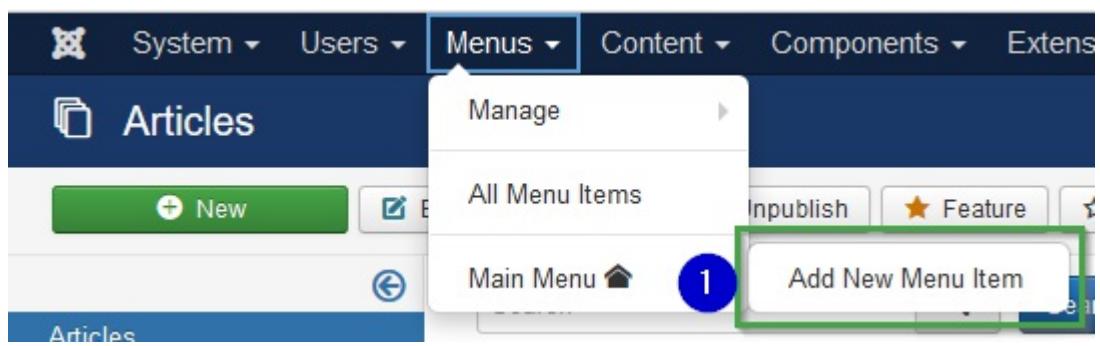
4

DSC_5527.JPG	3.87 MB	<div style="width: 100%;">100%</div>
DSC_5526.JPG	4.14 MB	<div style="width: 100%;">100%</div>
DSC_5520.JPG	3.27 MB	<div style="width: 100%;">100%</div>
DSC_5518.JPG	4.12 MB	<div style="width: 100%;">100%</div>

6

4. If you want to set a title and write a description use button "Add image properties"
5. Uploaded images have appeared
6. For each uploaded image the process bar shows the amount of uploaded bytes in %

## First steps (3) Create a menu to view galleries



(1) Select Menus -> Main menu and use "Add new Menu Item"

## Menus: New Item

Menu Title \*  1

Alias

Details Link Type Page Display Metadata Module Assignment

Menu Item Type \*  2

(1) Add menu name

(2) Click on select button

Following image will appear

## Menu Item Type

Articles

Configuration Manager

Contacts

News Feeds

RSGallery2

1

Slideshow view Slideshow view where the gallery for this menu item can be chosen.

3

2 View of galleries View of galleries where the starting gallery for this menu item can be chosen.

(1) Click on Rsgallery2 to open the two possible menu types provided by RSGallery2

(2) Click on view of galleries to assign a gallery view to the Menu

(3) Click on Slideshow to assign a slide show to the Menu

The click leads back to a changed menu item definition

**Menus: New Item**

**Save** **Save & Close** **Save & New** **Cancel**

Menu Title \* **Menu galleries**

Alias **Auto-generate from title**

**Details**

**Link Type**

**Page Display**

**Metadata**

**Module Assignment**

Menu Item Type \*

**View of galleries**

**Select**

Choose gallery \*

**1**

**Gallery overview**

**2**



**Link**

**Target Window**

**Template Style**

**Gallery overview**

NextGallery

Second gallery (2)

Love Locks

Third gallery

Second Gallery

First gallery

A subgallery

**3**

(1) Choose Gallery from (partly hidden) list

Select either a single gallery or a gallery overview

(2) Gallery overview

Selecting "Gallery overview" item shows a set of galleries to the user. Depending on the configuration definitions there may additional images list displayed like "latest images"

(3) Select an single gallery

Then only this gallery is shown when the user selects this menu

### **Menu user view example**

Number of shown galleries can be predefined in the configuration

Search  Keywords

This view is shown when for the Menu Item Type is chosen RSGallery2 -> View of galleries. Then it will display some galleries some random images and latest images. The number of items are defined in the config

5 ▾



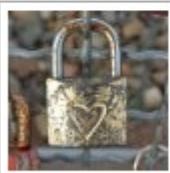
NextGallery

[Slideshow](#)

Owner: adminFinnern

Size: 4 images

Created: 25 June 2018



Love Locks

[Slideshow](#)

Owner: adminFinnern

Size: 44 images

Created: 28 September 2016



Third gallery

[Slideshow](#)

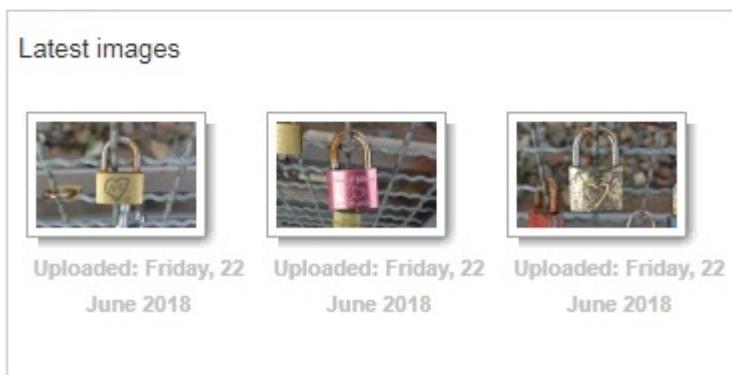
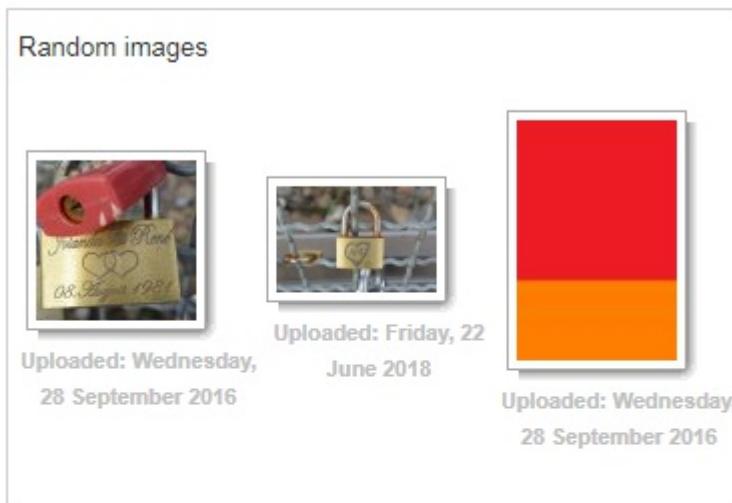
Owner: adminFinnern

Size: 10 images

Created: 28 September 2016

The appearance of Random images and latest images can be predefined in the configuration

Results 1 - 5 of 5



#### Hint: Representing gallery image

When images are assigned to a gallery the gallery is represented by a image inside the gallery. This can be a random image or a selected one. The setting can be assigned inside the edit view of the gallery.

#### Next steps:

- You may familiarize yourself with the configuration settings (See button on control panel)
- You may look up and install following plugins to include a single gallery / image into an article
  - [RSGallery2\\_Plugin\\_DisplayGallery](#)
  - ##### [RSGallery2\\_Plugin\\_DisplayImage](#)
- You may look up and install following modules to include random images, latest images or a complete gallery into an article
  - [RSGallery2\\_Module\\_RandomImages](#)
  - [RSGallery2\\_Module\\_LatestImages](#)
  - ##### [RSGallery2\\_Module\\_LatestGalleries](#)

# Control Panel

The screenshot shows the Joomla Control Panel with the RSGallery2 extension installed. The interface is organized into several sections:

- Toolbar (1):** A row of five buttons: Configuration (grid icon), Manage Galleries (image icon), Upload (up arrow icon), Manage Images (image icon), and Maintenance (wrench icon).
- RSGallery2 Overview (2):** A box containing version information:
  - Installed version: com\_rsgallery2 [4.4.1] (30. May 2018)
  - License: GNU GPL
  - Home page: www.rsgallery2.org
  - Forum: www.forum.rsgallery2.org
  - Documentation: www.rsgallery2.org/documentation
- Galleries and Images (3):** Two tables showing recent activity.

Galleries		
Most recently added galleries		
Gallery	User	ID
NextGallery	adminFinnern	8
Second gallery (2)	adminFinnern	7
Love Locks	adminFinnern	5
Third gallery	adminFinnern	4
Second Gallery	adminFinnern	3

Images			
Most recently added items			
Filename	Gallery	Date	User
ThomasWinter.03.png	NextGallery	2018-07-02 10:35:58	adminFinnern
IMG_9114.JPG	NextGallery	2018-07-02 10:35:58	adminFinnern
Dia_1992_10_Nr010.jpg	NextGallery	2018-07-02 10:35:57	adminFinnern
DSC_5527.JPG	NextGallery	2018-06-22 10:51:39	adminFinnern
DSC_5526.JPG	NextGallery	2018-06-22 10:51:38	adminFinnern
- Credits (4):** A section listing contributors to the RSGallery2 extension.
- Footer (5):** Copyright information: com\_rsgallery2 4.4.1 (c) 2005-2018 RSGallery2 Team RSGallery2. All rights reserved.

(1) Function buttons

A click in the grey area will lead to the named section.

More see below

(2) RSGallery2 overview

Tells about installed version and tells about interesting RSGallery2 links

(3) Last galleries and images overview area

Show s a list of the latest galleries and a list of the latest images

(4) Credits

A click on credits opens an area where all the contributors to RSGallery2 are mentioned.

More below

(5) Info about version and copyright

## Function buttons



(1) Configuration

Enables the configuration of Image settings, Display settings and MyGallery settings

(2) Manage Galleries

View gallery list , create new galleries, edit gallery, publish ...

(3) Upload

Opens view for upload with "Drag and drop", upload "from Zip" or Upload "from server folder"

(4) Manage images

View images list , create new images, edit image, publish ...

(5) Maintenance

For maintenance exist a "Repair Zone" where content can be checked for consistency, a "Danger zone" to remove the component and a Raw database zone" to see more content of gallery and images list.

## credits

Area where all the contributors to RSGallery2 are listed. See parts in image below.

## Credits

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### **Core Team - RSGallery2 4.x**

(Joomla 3.x)

2015 -

Johan Ravenzwaaij  
Mirjam Kaizer  
Thomas Finnern

### **RSGallery2 3.x (Joomla 1.6/1.7/2.5)**

2011-2014

Johan Ravenzwaaij  
Mirjam Kaizer

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## Upload

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The screenshot shows the Joomla! 3.x administration interface with the "Upload" component selected. At the top, there's a navigation bar with links like System, Users, Menus, Content, Components, Extensions, Help, Joomla3x, and a user profile icon. The main title is "Upload". Below it, there are three numbered tabs: 1. Upload by drag and drop (highlighted with a green circle), 2. Upload from Zip (PC), and 3. Upload from folder (server). The central area has a large red dotted rectangle with a central upload icon and the text "Drag images here". Below this is a green button labeled "Select files". At the bottom, there's a blue button labeled "Add image properties".

There are three tabs to choose

- (1) Upload by drag and drop
- (2) Upload from Zip file (PC)
- (3) Upload from folder (server)

## Upload by drag and drop

On "Upload by drag and drop" a form opens where the properties of a image to be uploaded can be edited. This includes the origin of the image as properties like name, assigned gallery and more.

More images can be added in that form.

Upload by drag and drop

Upload from Zip (PC)

Upload from folder (server)

## Upload files by using drag and drop or select multiple files

Specify gallery \*

Select an option

1



2

Drag images here

Select files

3

Add image properties

4

Upload single images (legacy)

5

'upload\_max\_filesize' is 22 Megabytes (set in php.ini)

'post\_max\_size' is 28 Megabytes (set in php.ini)

'memory\_limit' is 128 Megabytes (set in php.ini)

6

(1) Specify gallery

First select an existing gallery This will enable drag and drop and display the drop area in green

(2) Drag and drop area

The drag and drop area is marked with a red or green dotted border. The color changes to green when a gallery is selected. An error message appears when an image is dropped while the border is red.

When images are dropped then they are transferred to the server and assigned to the gallery. The display-, thumb- and watermarked images are created and on success the image is displayed in the drag and drop area.

As soon as the image is displayed it is secure to assume that the image is stored in the database and assigned to the gallery

(3) Select files

This is an other way to select multiple images from a folder on the PC- Press this button and you can move to the image folder and select several images to be downloaded. On exit these files are downloaded

This is especially helpful if your operation system remembers the last selected folder and displays it again for the image upload

#### (4) Add image properties

After the dropped images appear (are shown) in their area here is provided a batch handling to assign the properties "title" and "description"

More below on description of the "Properties uploaded images" view

Tip: This functionality can also be reached from the image list view. Select the images to be handled and use button batch and then select "Images Properties" button

#### (5) Upload single images (Legacy)

This button leads to the old "legacy" version of single image upload.

When the drag and drop function has enough experience and no user complains then drag and drop is faster and this function will be removed

#### (6) Upload file size

On the bottom is shown the setting of some php variables from the system (from php.ini file) related to the upload process. Even if the file itself complies with all limits the upload itself may fail.

### **Restrictions**

- File size: The upload may hang if the file size is too big. The working file size is not only dependent on the system settings for upload (see point (6)). Also the used library (GD see configuration) may stumble

### **Upload files using drag and drop: View after some uploads**

Specify gallery \*

Lovelocks

1

DSC_5520.JPG (1040)	DSC_5505.JPG (1041)	DSC_5531.JPG (1042)	DSC_5530.JPG (1043)	DSC_5527.JPG (1044)
DSC_5526.JPG (1045)	DSC_5518.JPG (1046)	DSC_5514.JPG (1047)	DSC_5513.JPG (1048)	DSC_5504.JPG (1049)

Drag images here

Select files

Add image properties

3

DSC_5504.JPG	4.41 MB	<div style="width: 100%;">100%</div>	2
DSC_5513.JPG	3.88 MB	<div style="width: 100%;">100%</div>	
DSC_5514.JPG	4.15 MB	<div style="width: 100%;">100%</div>	

(1) Drag and drop area (filled)

After a gallery is selected the dotted border is green. Dropped images do appear in this area after the transfer process is completed.

(2) Process bars

For each dropped file a progress bar appears. It is red as long as the file is not completely transferred. In each state it tells the amount of transferred parts of the file.

Attention: Even if the green bar is at 100% telling that the file is completely transferred the server needs time to create the dependent rsgallery2 images and the process is not finished until the matching image is displayed in the drag and drop area

(3) Add image properties

A click on button "Add image properties" will lead to a page where properties can be assigned to all shown images at once

(batch). The title and the description properties can be edited there.

This is similar to the second page on upload in previous rsgallery2 versions.

It is not necessary to use this view when no title or description editing needed.

Info: On creation of the image data on the server side the title is preset from the image name automatically.

## Upload from Zip file (PC)

A zip file containing several images can be uploaded to the server, unzipped and the images assigned to a gallery.

The screenshot shows a user interface for uploading a zip file. At the top, there are three tabs: "Upload by drag and drop", "Upload from Zip (PC)" (which is highlighted with a green border), and "Upload from folder (server)". Below the tabs, the text "Upload images contained in a Zip file on local PC" is displayed. The main area has two sections: "ZIP-file" and "Specify gallery \*". In the "ZIP-file" section, there is a "Browse..." button, a message "No file selected.", and some red server configuration details: "'upload\_max\_filesize' is 22 Megabytes (set in php.ini)", "'post\_max\_size' is 28 Megabytes (set in php.ini)", and "'memory\_limit' is 128 Megabytes (set in php.ini)". A blue circle with the number "1" is positioned to the right of this section. In the "Specify gallery \*" section, there is a dropdown menu with "Select an option" and a blue circle with the number "2" to its right. Below these sections are two large buttons: a blue "Upload ZIP-file" button with a blue circle containing the number "3" to its right, and a dark grey "Upload ZIP-file (legacy)" button with a blue circle containing the number "4" to its right.

(1) Select the zip file on local pc folder

Attention: The size of all files within the zip file has to be smaller than the server settings (php.ini) upload\_max\_filesize and post\_max\_size. These values are displayed in red below this input.

(2) Specify gallery

The list on the right contains all gallery names. The top most gallery is the last one created.

(3) Upload Zip file

Does upload the zip file to the server, unzip the images and jumps to properties "uploaded images view ". There the images are displayed and the properties can be assigned.

See section "Properties uploaded Files" view below ToDo: Link

(4) Upload Zip file (legacy)

This button leads to the old "legacy" version of zip file upload.

When the new function has enough experience and no user complains then this function will be removed.

## Upload from folder (server)

Images can be uploaded to a folder (Shall be created) within the Joomla! installation. The images will be copied from this folder and will be assigned to the gallery

Upload by drag and drop    Upload from Zip (PC)    **Upload from folder (server)**

FTP-path  
C:\xampp\htdocs\Joomla3x\TransferImages Path must start with base path FTP base path is: C:\xampp\htdocs\Joomla3x

Specify gallery \* Select an option 2

Upload images 3

Upload images (legacy) 4

### (1) FTP Path

Defines the path where RSGallery2 will look for images to "upload"

The path may be any otherwise empty folder which is accessible (has rights) from within the Joomla! installation. Recommended is a folder TransferImages in images

The path must start with the base path to Joomla! installation. To make things easier the standard path is given in small font below the input.

In configuration the standard path can be set so it will be automatically filled in.

### (2) Specify gallery

The list on the right contains all gallery names. The top most gallery is the last one created

### (3) Upload images

Does copy the files from given folder on the server and jumps to "Images batch upload" view. There the images are displayed and the properties can be assigned.

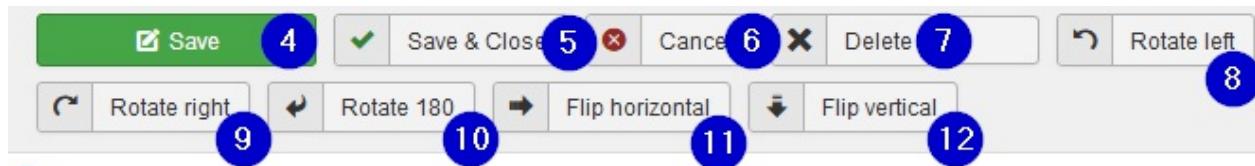
See form "Images batch upload" view below ToDo: link

### (4) Upload Zip file (legacy)

This button leads to the old "legacy" version of zip file upload.

When the new function has enough experience and no user complains then this function will be removed.

## Properties uploaded Files



### Properties uploaded images

SelectAll  (13)



DSC\_5514-3.JPG (ID: 191)

Title

(1)

DSC\_5514-3

Gallery

(2)

Love locks

Description

(3)



DSC\_5513-3.JPG (ID: 190)

Title

DSC\_5513-3

Gallery

Love locks

Description

This form enables to set the properties title and description for a batch of images at the same time.

It is normally reached over the upload form. It can also be reached with selected images over the batch button in the images list form

(1) Title

The title is preset on creation. It may be edited here. The title may be different to the uploaded image name when the name already existed. Then the next free number is appended.

(2) Gallery

The gallery name can't be changed in this part

### (3) Description

The description may be changed with the standard editor like in the edit single image form.  
Sadly this leads to a very high edit block which creates a ugly layout.

### (4) Save

Save changes and continue edit on the same images

### (5) Save & Close

Save changes and leave the form to the image list

### (6) Cancel

Ignore the changes and leave the form

### (7) Delete

All or some image can be selected for deleting. (See (8) and (9))

Clicking on the delete button will delete the selected images from the RSGallery2 database and the created image files

### (8) Rotate left

Rotates selected images 90 degrees against the clock

### (9) Rotate right

Rotates selected images 90 degrees with the clock

### (10) Rotate 180

Rotates selected images 180 degrees.

### (11) Flip horizontal

Flips the selected images horizontal. The bits move from left to right. The bottom of the image keeps being the bottom

### (12) Flip vertical

Flips the selected images vertical. The bits move from bottom to top. The left/right side of the image keeps being the left/right side

### (13) Select all

All images will get a set hook in the box below the image (See also (14))

This can be used to delete, rotate or flip selected images.

### (14) Select image

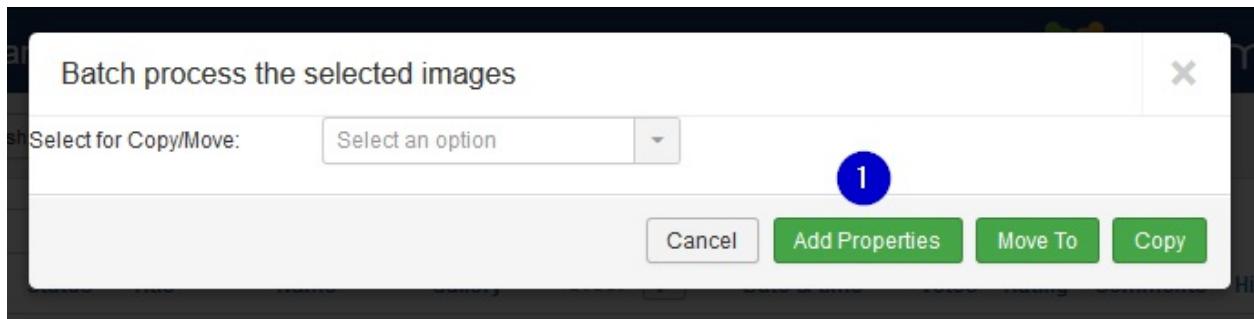
The image will get a set hook in the box below the image

This can be used to delete, rotate or flip selected images.

## Images: Batch process to add properties

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In the images list view images can be selected for batch processing. The following image shows the possible selections which appear after clicking the batch button



(1) Add properties

This button leads to the properties form (See above) and will open the selected images. So the title and description can be changed for a batch of images

## How to fix ajax upload errors

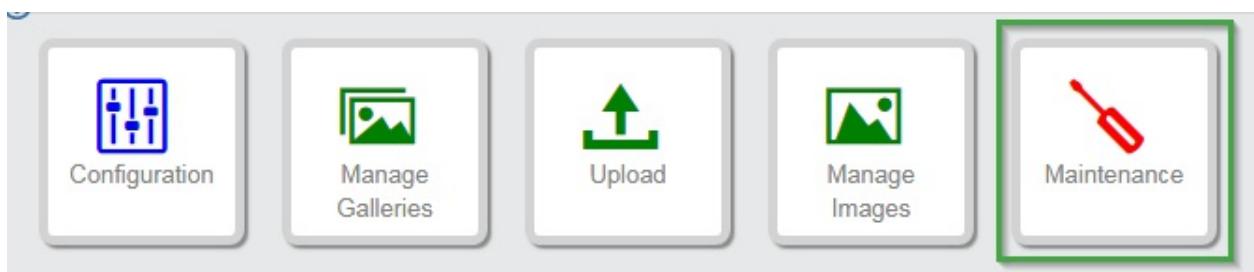
In cases where the upload got stuck you may see an error message and the result looks like below

....

In most cases the image data is reserved in the database but the image is not uploaded.

Then you may upload the image by FTP to the rsgallery2 "original" destination folder and start the creation of the display and thumb images manual by using a maintenance function

### 1. Check the database reservation / images existence



In "control panel" select Maintenance

## Repair zone

Following functions may change data



### Consolidate image database

Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.

There select in section "Repair zone" the button "Consolidate image database". This will lead to a page where it is checked whether there are database entries for missing images or for images with no database / gallery connection

#	Filename	In database	Display folder	Original folder	Thumb folder	Watermark folder	Action
0	dsc_5531-7.jpg	✓	✗	✗	✗	✗	 1

## 2. Upload image

The original images are kept in folder in .../Joomla/images/rsgallery/original. Copy your file into this folder.

**Consolidate image database**

**Lost and found:** This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.

#	Filename	In database	Display folder	Original folder	Thumb folder	Watermark folder	Action	Gallery	Image
0	dsc_5505b.jpg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**List of missing image references**

1 Repeat checking    Cancel

- (1) Use button "Repeat checking" so the image is found
- (2) If the image exists it is marked here
- (3) Select the line with clicking on marker in front
- (4) Use button "Create missing images".  
If all goes well then the line of this image will disappear in the next display of the page

## General folders of RSGallery2 images

(2018.07.03) ....

The images are kept in following folders in .../Joomla/images/rsgallery/**sub\_folder**

- original: Users original images if not disabled in configuration
- display: Resized images (size from configuration)
- thumbs: Thumbs of images (size and form from configuration)
- watermark: When watermark is active then images which were shown to the user get a watermark and are saved here for fast access

## Upload changes for using Drag and Drop

This document describes the changed use created for drag and drop upload of Images

## Upload files using drag and drop

The first tab of the new download form looks like following Image. It shows the new drag and drop download area with tab set to drag and drop.

The screenshot shows a user interface for file upload. At the top, there are three tabs: 'Upload by drag and drop' (highlighted with a green border), 'Upload from Zip (PC)', and 'Upload from folder (server)'. Below the tabs, the main area has a heading 'Upload files by using drag and drop or select multiple files'. On the left, there is a label 'Specify gallery \*' and a dropdown menu 'Select an option'. A large red dotted rectangular area serves as the 'Drag images here' drop zone, with a central upward arrow icon. To the right of the drop zone is a blue circle containing the number '1'. Below the drop zone is a green button labeled 'Select files' with a blue circle containing the number '3'. At the bottom of the main area is a blue button labeled 'Add image properties' with a blue circle containing the number '4'. In the bottom right corner of the main area, there is a grey box containing a black button labeled 'Upload single images (legacy)' with a blue circle containing the number '5'. Below this box, there is a note in red text: "'upload\_max\_filesize' is 22 Megabytes (set in php.ini)  
'post\_max\_size' is 28 Megabytes (set in php.ini)  
'memory\_limit' is 128 Megabytes (set in php.ini)" with a blue circle containing the number '6'.

## Upload files using drag and drop: Page fresh opened

(1) Specify gallery

First select an existing gallery This will enable drag and drop ands display the drop area in green

(2) Drag and drop area

The drag and drop area is marked with a red or green dotted border. The color changes to green when a gallery is selected. An error message appears when a image is dropped while the border is red.

When images are dropped then they are transferred to the server and assigned to the gallery. The display-, thumb- and watermarked images are created and on success the image is displayed in the drag and drop area.

As soon as the image is displayed it is secure to assume that the image is stored in the database and assigned to the gallery

### (3) Select files

This is an other way to select multiple images from a folder on the PC- Press this button and you can move to the image folder and select several images to be downloaded. On exit these files are downloaded

This is especially helpful if your operation system remembers the last selected folder and displays it again for the image upload

### (4) Add image properties

After the dropped images appear (are shown) in their area here is provided a batch handling to assign the properties "title" and "description"

More below on description of the "Properties uploaded images" view

Tip: This functionality can also be reached from the image list view. Select the images to be handled and use button batch and then select "Images Properties" button

### (5) Upload single images (Legacy)

This button leads to the old "legacy" version of single image upload.

When the drag and drop function has enough experience and no user complains then drag and drop is faster and this function will be removed

### (6) Upload file size

On the bottom is shown the setting of some php variables from the system (from php.ini file) related to the upload process. Even if the file itself complies with all limits the upload itself may fail.

Example: Sometimes the bytes are transferred as pure ASCII: So 7 bits are used and transferred in one Byte. So the "real" size is 'file size / 7 \* 8'

## Restrictions

- File size: The upload may hang if the file size is too big. The working file size is not only dependent on the system settings for upload (see point (6)). Also the used library (GD see configuration) may stumble

## Upload files using drag and drop: View after some uploads

Specify gallery \*

Lovelocks

DSC\_5520.JPG (1040) DSC\_5505.JPG (1041) DSC\_5531.JPG (1042) DSC\_5530.JPG (1043) DSC\_5527.JPG (1044)

DSC\_5526.JPG (1045) DSC\_5518.JPG (1046) DSC\_5514.JPG (1047) DSC\_5513.JPG (1048) DSC\_5504.JPG (1049)

1

Drag images here

Select files

Add image properties 3

DSC_5504.JPG	4.41 MB	<div style="width: 100%;">100%</div>	2
DSC_5513.JPG	3.88 MB	<div style="width: 100%;">100%</div>	
DSC_5514.JPG	4.15 MB	<div style="width: 100%;">100%</div>	

(1) Drag and drop area (filled)

After a gallery is selected the dotted border is green. Dropped images do appear in this area after the transfer process is completed.

(2) Process bars

For each dropped file a progress bar appears. It is red as long as the file is not completely transferred. In each state it tells the amount of transferred parts of the file.

Attention: Even if the green bar is at 100% telling that the file is completely transferred the server needs time to create the dependent rsgallery2 images and the process is not finished until the matching image is displayed in the drag and drop area

(3) Add image properties

A click on button "Add image properties" will lead to a page where properties can be assigned to all shown images at once (batch). The title and the description properties can be edited there.

This is similar to the second page on upload in previous rsgallery2 versions.

It is not necessary to use this view when no title or description editing is needed.

Info: On creation of the image data on the server side the title is preset from the image name automatically.

## Properties uploaded Files

Buttons at the top:

- Save (4)
- Save & Close (5)
- Cancel (6)
- Delete (7)
- Rotate right (9)
- Rotate 180 (10)
- Flip horizontal (11)
- Flip vertical (12)
- Rotate left (8)

Link: Properties uploaded images (14)

SelectAll (13)

	
<input type="checkbox"/> DSC_5514-3.JPG (ID: 191)	<input type="checkbox"/> DSC_5513-3.JPG (ID: 190)
Title 1 DSC_5514-3	Title DSC_5513-3
Gallery 2 Love locks	Gallery Love locks
Description 3	Description

This form enables to set the properties title and description for a batch of images at the same time.

It is normally reached over the upload form. It can also be reached with selected images over the batch button in the images list form

(1) Title

The title is preset on creation. It may be edited here. The title may be different to the uploaded image name when the name already existed. Then the next free number is appended.

#### (2) Gallery

The gallery name may be changed to move the image to a different gallery

~~The gallery name is fixed in some circumstances:~~

- ~~\* On drag and drop the gallery name must be assigned already in the upload form~~
- ~~\* Zip or server side uploads may select the gallery before Uploading~~
- ~~\* On entering from the images list form the gallery may be changed~~

#### (3) Description

The description may be changed with the standard editor like in the edit single image form.

Sadly this leads to a very high edit block which creates a ugly layout.

#### (4) Save

Save changes and continue edit on the same images

#### (5) Save & Close

Save changes and leave the form to the image list

#### (6) Cancel

Ignore the changes and leave the form

#### (7) Delete

All or some image can be selected for deleting. (See (8) and (9))

Clicking on the delete button will delete the selected images from the RSGallery2 database and the created image files

#### (8) Select all

All images will get a set hook in the box below the image (See also (9))

This can be used to delete selected images.

#### (9) Select image

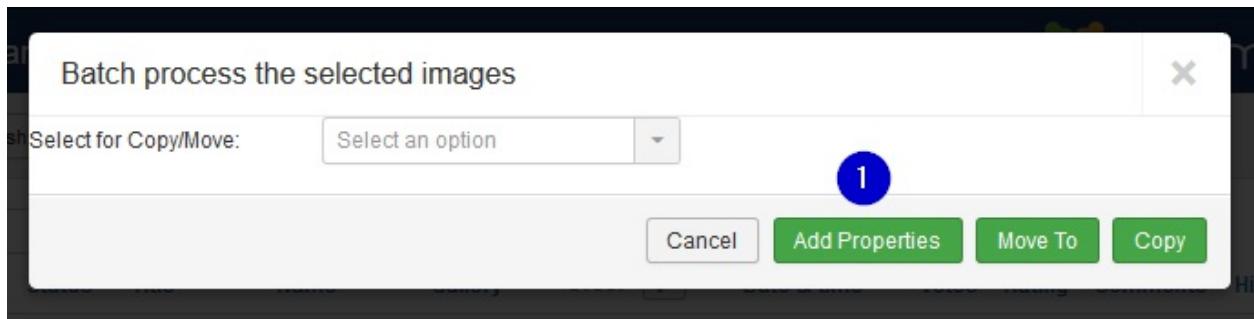
The image will get a set hook in the box below the image

This can be used to delete selected images.

## Images: Batch process to add properties

---

In the images list view images can be selected for batch processing. The following image shows the possible selections which appear after clicking the batch button



(1) Add properties

This button leads to the properties form (See above) and will open the selected images. So the title and description can be changed for a batch of images

## Galleries List View

### Image List View

#	Status	Title	Name	Gallery	Order	Date & time	Votes	Rating	Comments	Hits	ID
1	<input type="checkbox"/>	DSC_5514-3	DSC_5514-3.JPG	Love locks	4	2018-06-13 14:36:22	0	0	0	0	191
2	<input type="checkbox"/>	DSC_5513-3	DSC_5513-3.JPG	Love locks	3	2018-06-13 14:36:17	0	0	0	0	190
3	<input type="checkbox"/>	DSC_5505-3	DSC_5505-3.JPG	Love locks	2	2018-06-13 14:36:09	0	0	0	0	189
4	<input type="checkbox"/>	DSC_5504-3	DSC_5504-3.JPG	Love locks	1	2018-06-13 14:36:04	0	0	0	0	188

Missing ...: To be continued

**Manage Images**

Joomla!

1 Publish 2 Unpublish 3 Edit 4 Delete 5 Upload 6 Reset hits 7 Batch

**Message**  
1 edited item successfully checked in

#	Status	Title	Name	Gallery	Order	Date & time	Votes	Rating	Comments	Hits	ID
1	<input checked="" type="checkbox"/>	DSC_5514-3	DSC_5514-3.JPG	Love locks	4	2018-06-13 14:36:22	0	0	0	0	191
2	<input checked="" type="checkbox"/>	DSC_5513-3	DSC_5513-3.JPG	Love locks	3	2018-06-13 14:36:17	0	0	0	0	190
3	<input checked="" type="checkbox"/>	DSC_5505-3	DSC_5505-3.JPG	Love locks	2	2018-06-13 14:36:09	0	0	0	0	189
4	<input checked="" type="checkbox"/>	DSC_5504-3	DSC_5504-3.JPG	Love locks	1	2018-06-13 14:36:04	0	0	0	0	188

**Manage Images**

Joomla!

1 Publish 2 Unpublish 3 Edit 4 Delete 5 Upload 6 Reset hits 7 Batch

**Message**  
1 edited item successfully checked in

#	Status	Title	Name	Gallery	Order	Date & time	Votes	Rating	Comments	Hits	ID
1	<input checked="" type="checkbox"/>	DSC_5514-3	DSC_5514-3.JPG	Love locks	4	2018-06-13 14:36:22	0	0	0	0	191
2	<input checked="" type="checkbox"/>	DSC_5513-3	DSC_5513-3.JPG	Love locks	3	2018-06-13 14:36:17	0	0	0	0	190
3	<input checked="" type="checkbox"/>	DSC_5505-3	DSC_5505-3.JPG	Love locks	2	2018-06-13 14:36:09	0	0	0	0	189
4	<input checked="" type="checkbox"/>	DSC_5504-3	DSC_5504-3.JPG	Love locks	1	2018-06-13 14:36:04	0	0	0	0	188

## Images: Batch process to add properties

In the images list view images can be selected for batch processing. The following image shows the possible selections which appear after clicking the batch button

Batch process the selected images

Select for Copy/Move: Select an option 1 2 3 4

Cancel Add Properties Move To Copy

(1) Select Gallery

Select a gallery as destination for copy or move of selected images

(2) Add properties

This button leads to the properties form (See above) and will open the selected images. So the title and description can be changed for a batch of images

(3) Move to

Batch processing: The selected images can be moved to the selected gallery

(4) Copy to

Batch processing: The selected images can be copied to the selected gallery

## Properties uploaded Files

---



## Properties uploaded images

SelectAll  13



DSC\_5514-3.JPG (ID: 191)

Title

1

DSC\_5514-3

Gallery

2

Love locks

Description

3



DSC\_5513-3.JPG (ID: 190)

Title

DSC\_5513-3

Gallery

Love locks

Description

This form enables to set the properties title and description for a batch of images at the same time.

It is normally reached over the upload form. It can also be reached with selected images over the batch button in the images list form

(1) Title

The title is preset on creation. It may be edited here. The title may be different to the uploaded image name when the name already existed. Then the next free number is appended.

(2) Gallery

The gallery name can't be changed in this part

(3) Description

The description may be changed with the standard editor like in the edit single image form.  
Sadly this leads to a very high edit block which creates a ugly layout.

(4) Save

Save changes and continue edit on the same images

(5) Save & Close

Save changes and leave the form to the image list

(6) Cancel

Ignore the changes and leave the form

(7) Delete

All or some image can be selected for deleting. (See (8) and (9))

Clicking on the delete button will delete the selected images from the RSGallery2 database and the created image files

(8) Rotate left

Rotates selected images 90 degrees against the clock

(9) Rotate right

Rotates selected images 90 degrees with the clock

(10) Rotate 180

Rotates selected images 180 degrees.

(11) Flip horizontal

Flips the selected images horizontal. The bits move from left to right. The bottom of the image keeps being the bottom

(12) Flip vertical

Flips the selected images vertical. The bits move from bottom to top. The left/right side of the image keeps being the left/right side

(13) Select all

All images will get a set hook in the box below the image (See also (14))

This can be used to delete, rotate or flip selected images.

(14) Select image

The image will get a set hook in the box below the image

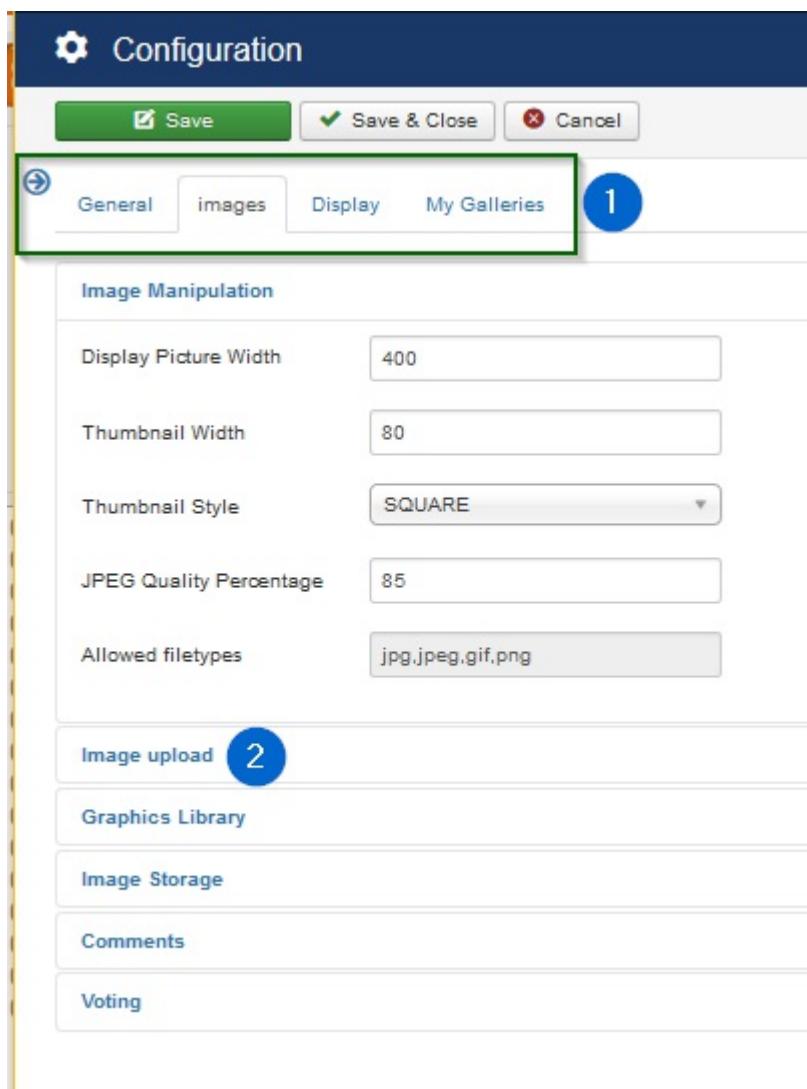
This can be used to delete, rotate or flip selected images.

## -> In processing, parts present (2017.12.08)

---

## Configuration

---

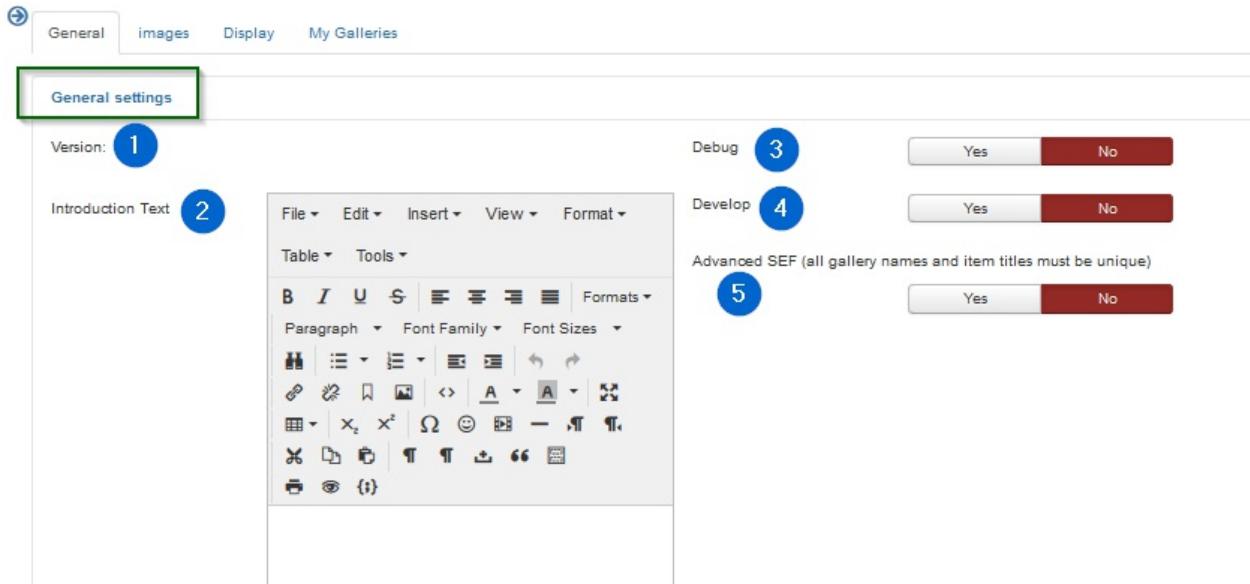


Above is the start view when selecting configuration

- (1) There are four tabs to choose
  - General: Debugging and SEF
  - Images: Image related settings
  - Display: Frontend view relating settings
  - My Galleries: Settings for user galleries
  
  
  
  
  
  
- (2) Sections in Tab

**Each Tab contains sections. A click on a section will open or hide the sections within while the other sections stay open or hidden**

## General



- (1) Version:

Tells the actual uploaded RSG2 version.

- (2) Introduction Text

This text is used as a broad header description of the "root gallery" view. The root gallery (with sub galleries and more) will be displayed when the menu type "RSGallery2 -> View of galleries" is activated and the root gallery is chosen for display

- (3) Debug (Frontend / Backend)

Activates debug functionality. This does write calling parameters and logs some of the used files / classes in a log file.

Attention: On Yes to Debug a log file per day will be created in folder '...//joomla root/administrator/log' and notices may appear on top of a form. Please delete log files regularly". In Maintenance will (may be in near future) be a button to achieve this

Actually (22.07.2018) Using debug on the frontend will create a lot of text in the log files and may get stuck when a lot of users are active. It is best used on the local test web then.

Therefore in the near future the team will introduce different debug variables for backend and frontend

- (4) Develop

Activates developer functions. Additional 'info' will appear in HTML pages and more functions appear in maintenance view. The additional function may not work or destroy parts of RSGallery2 ....

- (5) Advanced SEF

All gallery names and item titles must be unique

## Images

### Images: Image Manipulation

[General](#)[Images](#)[Display](#)[My Galleries](#)

### Image Manipulation

Display Picture Width

400

1

Thumbnail Width

80

2

Thumbnail Style

SQUARE

3

JPEG Quality Percentage

85

4

Allowed file types

jpg.jpeg.gif.png

5

- (1) Display Picture Width

Standard size of displayed image. The downloaded file will be resized to this width for the standard display of the image. The original image is still kept for modal display when clicking on a gallery image

- (2) Thumbnail Width

Defines the width of the small images (thumbs) in gallery tile view

- (3) Thumbnail Style

The thumbnail may be sized (styled) for "Square" or "Proportional" dimensions. In "Square" Style the height of the thumbnail is the same as the width. In "Proportional" Style the height is calculated according the width/height proportions of the original image.

- (4) JPEG Quality Percentage

Defines the quality factor will be used by the resizing from original image to the displayed image

- (5) Allowed file types

This information tells which file types are supported. The types are defined by the component and therefore can't be changed

### Images: Image upload

**Image upload**

FTP Path:	D:\xampp\htdocs\joomla3x\UploadImages	1
Use IPTC information	Yes      No	2
Default state for uploaded images	Published	3
Preselect 'One gallery for all images'	Default      Yes      No	4
Preselect latest gallery	Yes      No	5

- (1) FTP Path:

Used as initial value in upload (ftp tab) form. Used for uploading images from folder path on remote server. Path must start with base path to the joomla! installation

- (2) Use IPTC information Yes No

If set to yes: If a file has IPTC information in the fields title (2#005) and description (2#120), then this information will be used upon import of an image in RSGallery2, unless the title and description fields shown in the import steps are used.

If set to no: IPTC information will not be used.

- (3) Default state for uploaded images

Select between "Published", "Unpublished", "Archived" or "Trashed"

If a user has either Edit State permission or Edit State Own permission and he uploads an item in a gallery he owns (e.g. the user is allowed to change the state from Published to Unpublished and vice versa for images in the selected gallery), then this value indicates whether the uploaded images will be (un)published by default. This setting applies to Frontend as well as Backend, and for single file and batch upload.

For users without Edit State permission the default state is Unpublished.

- (4) Preselect 'One gallery for all images', Default Yes No

Preselect state for upload form.

Yes: Use selected gallery for all images.

No: select images in second step

- (5) Preselect latest gallery Yes No

Preselect the 'Latest gallery' name as default selection in upload form

## Images: Graphics Library

### Graphics Library

Graphics Library	gd2: bundled (2.1.0 compat... ▾	1
ImageMagick Path		2
Netpbm Path		3
Video converter path		4
Video converter parameters	-i {input} -ar 22050 -ab 56 -b 200 -r 1	5
Thumbnail extraction parameters	-i {input} -f mjpg -vframes 1 -an -s 3:	6
Video output type	flv	7

- (1) Graphics Library

Old:

Three graphics libraries, GD2, ImageMagick (and Netpbm, are supported if they exist on the server. They are used to make display and thumb-nail images on upload of images

Actually only GD2 is used until further notice

- (2) ImageMagick Path

Path to the ImageMagick library on the server

- (3) Netpbm Path

Path to the Netpbm library on the server

- (4) Video converter path

Videos are actually not supported

- (5) Video converter parameters

Videos are actually not supported

- (6) Thumbnail extraction parameters

Video Thumbnail are actually not supported

- (7) Video output type

Videos are actually not supported

## Images: Image Storage

Image Storage			
Keep original image	<input checked="" type="button"/> Yes	<input type="button"/> No	1
Original Image Path	/images/rsgallery/original		2
Display Image Path	/images/rsgallery/display		3
Thumb Path	/images/rsgallery/thumb		4

- (1) Keep original image Yes No

On "yes" the original image will be deleted after the upload process for server space or hiding purposes. On a double click of the display sized image the same image (size) appears then in the popup

Draw back: watermark images not created on upload will use the smaller size "display" image to be used when the user opens the "original" view"

- (2) Original Image Path

Select any folder within the Joomla! reachable folder system.

You may choose a different folder when you don't want to show the original images by setting the "Popup style to none" in Configuration -> Tab "display" -> section "Image display". This makes it harder for any user to guess the origin folder to download the original image with big size and good quality .

- (3) Display Image Path

Select any folder within the Joomla! reachable folder system for the resized displayed images.

- (4) Thumb Path

Select any folder within the Joomla! reachable folder system for the thumb images.

## Future folder structure (2018.07.22)

Actually all images of a certain type are kept in one folder. This limits its use as the amount of files per folder is limited. It may be limited to 60000 files on older systems and around 4 GByte files on newer systems. Anyhow the system catches performance issues after too many files in one.

The development team aims for folder per gallery so other slide shows may benefit from this too.

---

## Images: Comments

Comments are activated in configuration under Tab "Display -> section "Image display"

Comments		
Use CAPTCHA check, in comment form	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	1
CAPTCHA type	<input type="button" value="Alphanumeric CAPTCHA"/>	2
CAPTCHA image height in px (width is 2.7*height)	<input type="text" value="60"/>	3
CAPTCHA perturbation (1.0 is high, the higher the more distorted; 0.75 is fine)	<input type="text" value="0.75"/>	4
Number of lines to distort the CAPTCHA image with	<input type="text" value="2"/>	5
CAPTCHA background color (hexadecimal code, e.g. #0099CC)	<input type="text" value="#0099CC"/>	6
Textcolor (hexadecimal code, e.g. #EAEAEA)	<input type="text" value="#EAEAEA"/>	7
Color of lines (hexadecimal code, e.g. #0000CC)	<input type="text" value="#0000CC"/>	8
Alphanumeric CAPTCHA is case sensitive recommended setting: No)	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	9
Characters to use for alphanumeric CAPTCHA	<input type="text" value="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz"/>	10
Length of code for alphanumeric CAPTCHA	<input type="text" value="6"/>	11

- (1) Use CAPTCHA check, in comment form Yes No
- (2) CAPTCHA type

- (3) CAPTCHA image height in px (width is 2.7\*height)
  - (4) CAPTCHA perturbation (1.0 is high, the higher the more distorted; 0.75 is fine)
  - (5) Number of lines to distort the CAPTCHA image with
  - (6) CAPTCHA background color (hexadecimal code, e.g. #0099CC)
  - (7) Textcolor (hexadecimal code, e.g. #EAEEA)
  - (8) Color of lines (hexadecimal code, e.g. #0000CC)
  - (9) Alphanumeric CAPTCHA is case sensitive recommended setting: No) Yes No
  - (10) Characters to use for alphanumeric CAPTCHA
  - (11) Length of code for alphanumeric CAPTCHA
- 

## Images: Voting

Voting is activated in configuration under Tab "Display -> section "Image display"

Voting	
User can only vote once (cookie based)	<input checked="" type="button"/> Yes <input type="button"/> No
Cookie prefix	<input type="text" value="rsgvoting_"/>

- (1) User can only vote once (cookie based) Yes No

Defines if a user can vote multiple times

ToDo: ? overwrites old voting or adds further voting

- (2) Cookie prefix

A cookie is used to track the user on voting. Assign a singular prefix only used from your web site

## Display

### Display: Front Page

General    Images    **Display**    My Galleries

#### Front Page

Display Search	<input checked="" type="button"/> Yes <input type="button"/> No	1
Display Random	<input checked="" type="button"/> Yes <input type="button"/> No	2
Display Latest	<input checked="" type="button"/> Yes <input type="button"/> No	3
Display Branding	<input checked="" type="button"/> Yes <input type="button"/> No	4
Display Downloadlink	<input checked="" type="button"/> Yes <input type="button"/> No	5
Display Status Icons	<input checked="" type="button"/> Yes <input type="button"/> No	6
Display gallery limitbox	<input type="button"/> If more galleries than limit	7
Default number of galleries on frontpage	<input type="button"/> 5	8
Display Slideshow	<input checked="" type="button"/> Yes <input type="button"/> No	9
Select slideshow	<input type="button"/> slideshow_path	10
Display Owner Information	<input checked="" type="button"/> Yes <input type="button"/> No	11
Display number of items in gallery	<input checked="" type="button"/> Yes <input type="button"/> No	12
Include items in child galleries when displaying number of items in a gallery	<input checked="" type="button"/> Yes <input type="button"/> No	13
Display creation date	<input checked="" type="button"/> Yes <input type="button"/> No	14

- (1) Display Search Yes No

Displays a search rectangle over the gallery display. The user may search for images where the name or the description

matches the search text.

- (2) Display Random Yes No

On yes an area appears below the standard gallery where Random images are displayed

- (3) Display Latest Yes No

On yes an area appears below the standard gallery where Random images are displayed

- (4) Display Branding Yes No

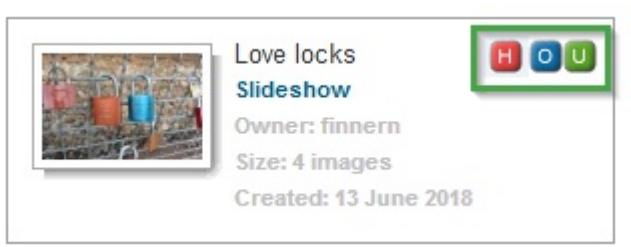
On Yes a text with rsgallery2 information including used version will be shown on the bottom of the single images view

- (5) Display Downloadlink Yes No

On yes a small thumb with download text appears below the image in the single image view. When the user clicks on it then the original image (big size) is downloaded

- (6) Display Status Icons Yes No

On Yes activates icons with the status of a gallery above the gallery thumb when the user is logged in. This helps if "user galleries" are enabled in "MyGallery" configuration to show the states of the actual gallery.



The icons will indicate

- (O) User is the owner of the gallery
- (U) User can upload in this gallery
- (H) The gallery is hidden and not Published

- (7) Display gallery limitbox

With a displayed gallery limit box the user can choose the maximal number of galleries shown on the viewed page. So he may overwrite the configuration parameter "Default number of galleries on frontpage" and see more or less galleries to choose from.

Possible options

- Always
- If more galleries than limit
- Never

on "If more galleries than limit" this selection box will only appear when there are more galleries to be displayed but limited by parameter "Default number of galleries on frontpage". See below

- (8) Default number of galleries on frontpage

This limits the galleries displayed to the user.

This can be overwritten by the user with a limit box if the box is enabled. See parameter "Display gallery limitbox" above

- (9) Display Slideshow Yes No

On yes a link is displayed beside the gallery thumbnail which displays on click the selected slide show

- (10) Select slideshow

Possible options

- slideshow\_part
- slideshow\_pathfusion
- slideshow\_one

Sadly slideshow\_pathfusion is not working actually and slideshow one is not that interesting (2018.07.26).

The RSGallery team is working on bootstrap and other slide shows in the near future

- (11) Display Owner Information Yes No

On Yes the owner information is displayed on the right side of the gallery thumb

- (12) Display number of items in gallery Yes No

On Yes the size of the gallery (image count) is displayed on the right side of the gallery thumb

- (13) Include items in child galleries when displaying number of items in a gallery Yes No

Defines the type of images count of the view of previous configuration parameter

- (14) Display creation date Yes No

On Yes the owner information is displayed on the right side of the gallery thumb

---

## Display: Image Display

Image Display		
Display Slideshow in item view	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	1
Popup style	Normal popup	2
Display Description	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	3
Display Hits	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	4
Display Voting	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	5
Display Comments	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	6

- (1) Display Slideshow in item view Yes No

Adds a "slideshow" link to the single image view. It leads to a page displaying the selected type of slideshow

- (2) Popup style

Defines the method ("No popup", "Normal popup", "Joomla Modal") used for displaying a popup (big image) after a click of the image in single image display.

"No popup": A click on the image does not open a popup

"Normal popup": After click on the image the original image is displayed in a separate browser window style

"Joomla Modal": After click on the image a popup in a modal style with [x] to close appear in front of the small image screen

- (3) Display Description Yes No

On "Yes" a rectangle below the single image display is added. It contains a header with title "Display" and below a field where the description of the image is displayed.

- (4) Display Hits Yes No

On "Yes" a rectangle below the single image display is added. It contains a header with title "Hits" and below a field where the number of "hits" of the images is displayed.

- (5) Display Voting Yes No

On "Yes" a rectangle below the single image display is added. It contains a header with title "Comments" and below a field where comments can be inserted.

- (6) Display Comments Yes No

On Yes a rectangle below the single image display is added. It contains a header with title "Comments" and below a field where comments can be inserted.

## Display: Image order

### Image order

Order images by	Default	1
Order direction	Ascending	2

- (1) Order images by

The displayed images may be ordered by the types "Default", "Date", "Name", "Rating" or "Hits"

- (2) Order direction

The appearance of order type (see above) can be displayed in ascending or descending order

### Display: EXIF settings

#### EXIF settings

Display EXIF Data	<input checked="" type="button"/> Yes <input type="button"/> No	1
Select EXIF tags to display	<input type="checkbox"/> Filename <input type="checkbox"/> File Date <input type="checkbox"/> Resolution	2
	<input type="checkbox"/> Resolution unit Resolution unit <input type="checkbox"/> Filename <input type="checkbox"/> Filesize <input type="checkbox"/> Flash used <input type="checkbox"/> Image description <input type="checkbox"/> Camera make <input type="checkbox"/> Camera model <input type="checkbox"/> X Resolution	3
Gallery View		
Image Watermark		
Display Watermark		
Watermark type		
Watermark text		

- (1) Display EXIF Data Yes No

If the image contains EXIF data these may be displayed as info in a rectangle below the image in the single image view  
It appears beside Description, Voting and Comments in a separate table part

- (2) Select EXIF tags to display

Select the information which shall be shown to the user. Multiple selections are supported

- (3) Selected items box

A items listed here are selected for display

- (4) Possible properties list

Show s a list of selectable EXIF properties. Inverted items are selected

## Display: Gallery View

Gallery view appears when the user selected a gallery with a click on the gallery thumbs  
It displays image thumbs with information about the imaged

Gallery View	
Thumbnail Style: Use float for variable width templates.	<input type="text" value="Table"/> 1
Direction (only works for float)	<input type="text" value="Left to Right"/> 2
Number of Thumbnail Columns (only for table)	<input type="text" value="3"/> 3
Thumbnails per Page	<input type="text" value="9"/> 4
Show image name below thumbnail	<input type="button" value="Yes"/> <input type="button" value="No"/> 5
Navigation bar display	<input type="text" value="Both"/> 6
Display Slideshow in gallery view	<input type="button" value="Yes"/> <input type="button" value="No"/> 7

- (1) Thumbnail Style:

"Table", "Float" or "Magic"  
Use float for variable width templates  
sorry "Magic" -> not supported (yet)  
"Table": The thumb nails are embedded in table elements

"Float": The thumb nails are embedded in an unordered list

- (2) Direction (only works for float)  
Assigns the direction "Left to right" or "Right to left" of the unordered list elements
- (3) Number of Thumbnail Columns (only for table)

Number of thumbnails in a row

- (4) Thumbnails per Page

Set the maximum thump nails displayed on one page. There will be a page navigation displayed if the gallery contains more images.

- (5) Show image name below thumbnail Yes No

On yes the image name will show n below the thumbnail

- (6) Navigation bar display

Adds a navigation bar in the single image display of the gallery

Possible selections: Top, bottom, both, none

- (7) Display Slideshow in gallery view Yes No

Adds a "slideshow" link to the gallery view. It leads to a page displaying the selected type of slideshow

## Display: Image Watermark

Image Watermark		
Display Watermark	<input checked="" type="button"/> Yes <input type="button"/> No	1
Watermark type	<input type="button"/> Image <input type="button"/>	2
Watermark text	<input type="button"/> (c) 2016 - RSGallery2 Much too lor	3
Font	<input type="button"/> arial.ttf <input type="button"/>	4
Watermark font size	<input type="button"/> 192 <input type="button"/>	5
Watermark text angle	<input type="button"/> 0 <input type="button"/>	6
Watermark image	<input type="button"/> images/rsgallery/wate <input type="button"/> Select <input type="button"/> X	7
Scale watermark image	<input type="button"/> 8.00 <input type="button"/>	8
Watermark position	<input type="button"/> Center <input type="button"/>	9
Margin from top	<input type="button"/> 35 <input type="button"/>	10
Margin from right	<input type="button"/> 75 <input type="button"/>	11
Margin from bottom	<input type="button"/> 100 <input type="button"/>	12
Margin from left	<input type="button"/> 55 <input type="button"/>	13
Watermark transparency	<input type="button"/> 50 <input type="button"/>	14
Watermarked image path	<input type="button"/> /images/rsgallery/watermarked <input type="button"/>	15

If you consider using watermarked files see also description "How to hide the original image from the user"

- (1) Display watermark

Activate if watermark files should be used on "big size" image view. It will replace the original file which would be displayed otherwise.

A watermark replacement file will be created once when uploading or when viewed the first time.

The watermarking will be a text defined in the configuration.

Optional: Add icon or other image as watermark. (This has to be developed. It can be done in short time. Send us an email if you need it and we will care for it)

- (2) Watermark Type

The watermark may be merged from "text" or from an "image" into the display image

- (3) Font

Select the font type of the watermark text

- (4) Watermark text

Define the text to be displayed in the image

- (5) Watermark font size

Select the font size of the watermark text

- (6) Watermark text angle

Define the angle of the watermark text

- (7) Watermark image

Will be merged into the big display image. Watermark image should be smaller than display image

- (8) Scale watermark image

Enter a factor to enlarge the watermark image. 1.0 will use the original. Smaller values will reduce the watermark image size

- (9) Watermark position

Select the position of the watermark text

- (10) Margin from top

-> Not used

- (11) Margin from right

-> Not used

- (12) Margin from bottom

-> Not used

- (13) Margin from left

-> Not used

- (14) Watermark transparency

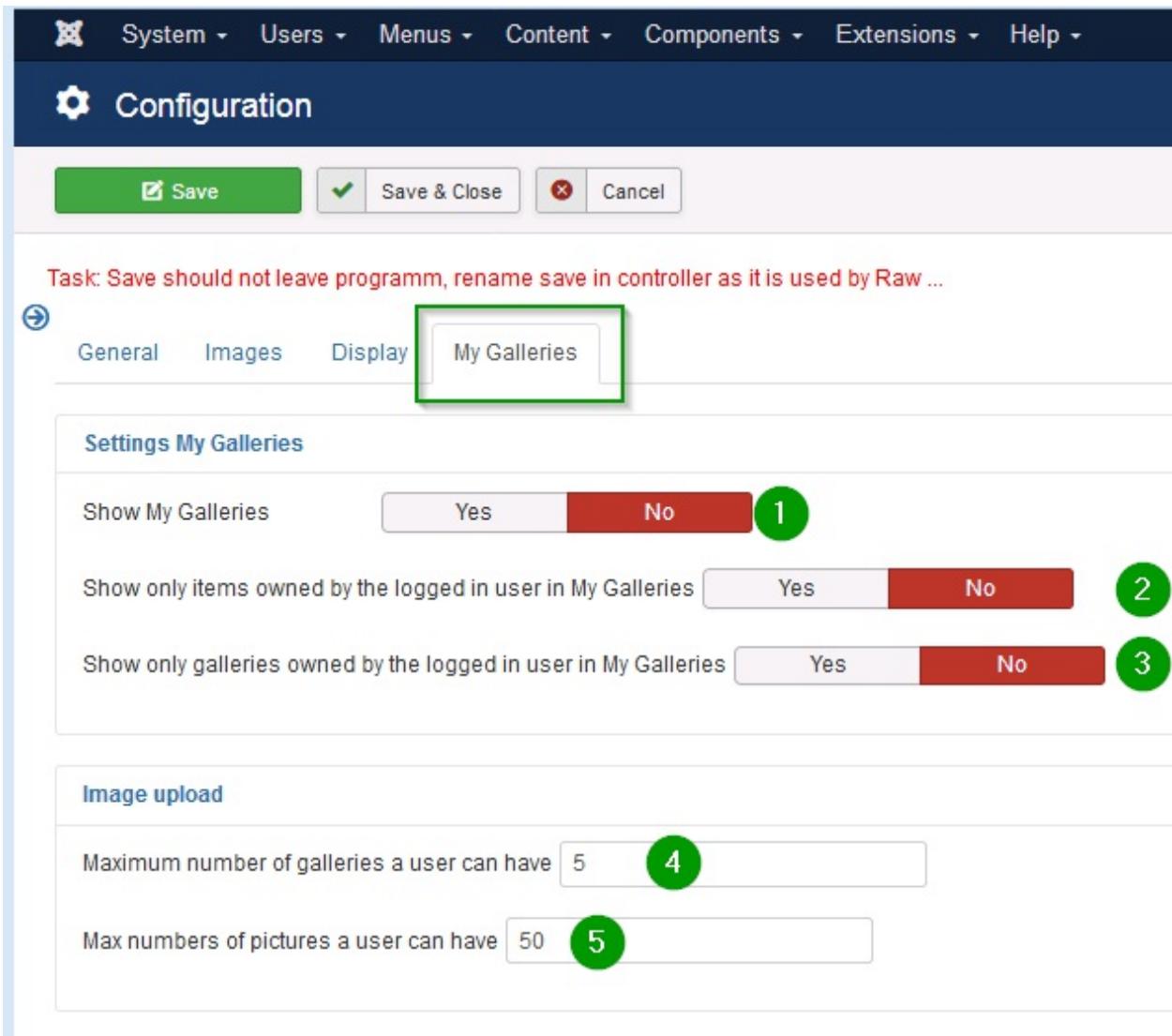
Define transparency of the text to be displayed in the image.  
A higher value makes the watermark more transparent.  
Transparency of 100% makes the watermark invisible

- (15) Watermark image path

Define the destination path of the created watermarked files

## My Galleries

My galleries supports the creation of user galleries



The screenshot shows the TYPO3 Backend Configuration interface for the 'My Galleries' extension. The top navigation bar includes links for System, Users, Menus, Content, Components, Extensions, and Help. Below the navigation is a toolbar with Save, Save & Close, and Cancel buttons. A red note at the top states: "Task: Save should not leave programm, rename save in controller as it is used by Raw ...". The main configuration area has tabs for General, Images, Display, and My Galleries, with 'My Galleries' selected and highlighted with a green border. The 'Settings My Galleries' section contains five configuration items, each with a numbered callout circle:

- Show My Galleries**: A switch between Yes (highlighted) and No.
- Show only items owned by the logged in user in My Galleries**: A switch between Yes and No.
- Show only galleries owned by the logged in user in My Galleries**: A switch between Yes and No.
- Image upload**: A setting for the maximum number of galleries a user can have, currently set to 5.
- Max numbers of pictures a user can have**: A setting for the maximum number of pictures a user can have, currently set to 50.

## Settings My Galleries

- (1) Show My Galleries

On yes it activates this functions

- (2) Show only items owned by the logged in user in My Galleries

Restricts the show n images on front end to users who own the image and who are logged in.

??? The images of the user may be in several galleries owned by other people. ???

- (3) Show only galleries owned by the logged in user in My Galleries Yes No

Restricts the show n galleries on front end to user who own the gallery and who are logged in.

## Image upload

- (4) Maximum number of galleries a user can have

Restrict the amount of galleries a user may create

- (5) Max numbers of pictures a user can have

Restrict the amount of images a user may upload. It counts number of images over all galleries

## My Galleries

A site administrator can enable My Galleries for users to upload and view their own galleries (setting Show My Galleries, 'no' by default). A extra element will appear on the gallery view when a user has logged in on the front end.

The screenshot shows the 'My Galleries' section of a Joomla website. At the top, there is a search bar labeled 'Search' and a 'Keywords' input field. To the right of the search bar is a dropdown menu set to '5'. Below this, a gallery item is displayed for a user named 'User\_A'. The gallery is titled 'Love Locks' and contains 1 image. The image shows several padlocks, some with inscriptions like 'I ❤️ you' and 'Julia & David'. The gallery details include: Owner: User\_A, Size: 1 images, Created: 26 July 2017, and a note: Found locks on several places.

View of user created "My Gallery" gallery

The "My Galleries" are shown on the module where the menu with type RSGallery2 is displayed.

Above the RSGallery2 "Search box" the user can click on "My galleries" link (3)

## Joomla3x My galleries

The screenshot shows the Joomla3x My galleries page. At the top right is the 'Main Menu' with 'Home' and 'Galleries' items. A green circle labeled '1' highlights the 'Galleries' item. To its right is the 'Login Form' with 'Hi User\_A,' and a 'Log out' button. A green circle labeled '2' highlights the 'Log out' button. Below the menu is a search bar with 'Search' and 'Keywords' fields. A green circle labeled '3' highlights the 'My Galleries' link in the search results, which is enclosed in a red box. Below the search bar are two boxes: 'Random images' and 'Latest images'. At the bottom left is a breadcrumb navigation: 'You are here: Home > Galleries'.

(Link must be activated in configuration of RSG2)

Clicking on that link will show a page like

## Joomla3x My galleries

### My Galleries

The screenshot shows the 'My Galleries' page. On the left is a 'User information' section with 'Username' (User\_A), 'Maximum usergalleries' (5 (0 created)), and 'Maximum images allowed' (50 (0 uploaded)). Below this are three tabs: 'My Images', 'My Galleries', and a green-highlighted 'Create Gallery' tab. A green circle labeled '1' highlights the 'Create Gallery' tab. The main area is titled 'My Galleries' and contains a table with columns 'Gallery', 'Published', 'Delete', and 'Edit'. The table displays the message 'No User Galleries created'.

### Main Menu

Home  
Galleries

### Login Form

Hi User\_A,  
Log out

If tab (1) does not appear the user has not enough rights

### My Gallery: Set it up, get it started

1. Enable "My Galleries" in RSG2 configuration
2. Create a user group with rights to handle their own galleries and Images
3. Assign user rights for this group on

4. Assign the standard RSGallery2 view to a menu

## Configuration of My Galleries

The screenshot shows the Joomla configuration interface for 'My Galleries'. At the top, there's a navigation bar with links for System, Users, Menus, Content, Components, Extensions, and Help. Below that is a header with a gear icon labeled 'Configuration' and a sub-header 'My Galleries'. A red box highlights the 'My Galleries' tab. At the bottom of the header are three buttons: 'Save' (green), 'Save & Close' (light blue), and 'Cancel' (grey). A red message at the top says: 'Task: Save should not leave programm, rename save in controller as it is used by Raw ...'. Below the tabs, there are several configuration options:

- Show My Galleries:** A switch button with 'Yes' (white) and 'No' (red) options. The 'No' option is highlighted with a green circle containing the number 1.
- Show only items owned by the logged in user in My Galleries:** A switch button with 'Yes' (white) and 'No' (red) options. The 'Yes' option is highlighted with a green circle containing the number 2.
- Show only galleries owned by the logged in user in My Galleries:** A switch button with 'Yes' (white) and 'No' (red) options. The 'No' option is highlighted with a green circle containing the number 3.
- Image upload:** A section with two input fields:
  - Maximum number of galleries a user can have:** An input field with the value '5' highlighted with a green circle containing the number 4.
  - Max numbers of pictures a user can have:** An input field with the value '50' highlighted with a green circle containing the number 5.

More description in section configuration

## Create a user group for "My Galleries" users

### User Group Details

Group Title *	<input type="text" value="RSG2_MyGallery"/>
Group Parent *	<input type="text" value="- Registered"/>

A separate user groups helps to assign special rights for "My Gallery" users.

## Assign user rights for this "My Galleries" users group

**System > Components > RSGallery2 > Permissions**

Default permissions used for all content in this component.

Action	Select New Setting	Calculated Setting
Configure ACL & Options	Inherited	Not Allowed (Inherited)
Access Administration Interface	Inherited	Not Allowed (Inherited)
Create	Inherited	Not Allowed (Inherited)
Create Own	3 Allowed	Allowed
Delete	Inherited	Not Allowed (Inherited)
Delete Own	4 Allowed	Allowed
Edit	Inherited	Not Allowed (Inherited)
Edit Own	5 Allowed	Allowed
Edit State	Inherited	Not Allowed (Inherited)
Edit State Own	6 Allowed	Allowed
Vote	Allowed	Allowed
Comment	Allowed	Allowed

(1) Search for RSGallery2 in System->Global configuration

(2) Select Permissions

(3)-(6) Activate the "Create own", "Delete own", "Edit own", "Edit state own" permissions. The "vote" or "comment" permissions enable actions on the images itself. They are not needed for the handling of galleries and images.

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 user group, 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.

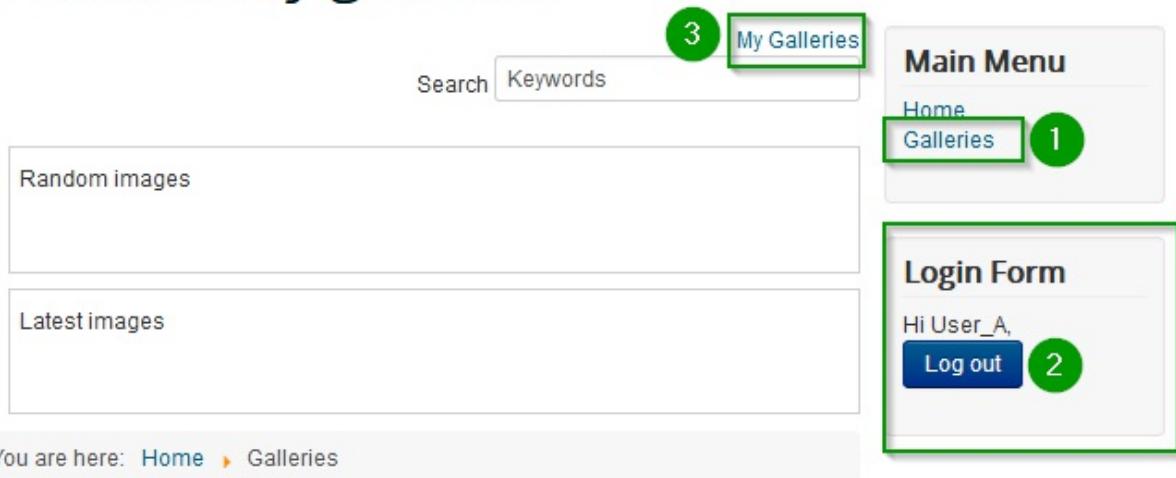
### Assign the standard RSGallery2 view to a menu

This may be done already as it is as simple as assigning the standard view to a menu

## User manual

### User view of My Galleries

## Joomla3x My galleries



(1) Select menu where galleries are displayed in web site

Attention: The menu name may differ and may appear in a horizontal menu inside sub menus

(2) Login with your user name given by owner of website

The system needs you to be logged in. Otherwise the "My Gallery" rights can't be assigned to a user

(3) Click on "My Gallery" link

This will lead you to the "My Gallery" page where your galleries can be created, images uploaded and edited. This view enables to just see the "owned" galleries and images

# Joomla3x My galleries

## My Galleries

User information

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

My Images    My Galleries    **Create Gallery** (1)

### My Galleries

Gallery	Published	Delete	Edit
No User Galleries created			

## Main Menu

Home  
Galleries

## Login Form

Hi User\_A,  
**Log out**

(1) Create gallery tab

This is where the fun begins ....

If this tab does not appear the user has not enough rights

## Create a gallery

The screenshot shows the 'Create Gallery' interface. At the top, there are three tabs: 'My Images', 'My Galleries', and 'Create Gallery'. The 'Create Gallery' tab is highlighted with a green border. Below the tabs, the title 'Create Gallery' is displayed. On the left, there are two input fields: 'Parent gallery' set to '- Top gallery -' and 'Gallery name' set to 'USER\_A\_MY\_GALLERY'. To the right of these fields are four circular buttons numbered 1, 2, 4, and 5. A toolbar above the text area includes 'Edit', 'Insert', 'View', 'Format', and 'Table' dropdowns, along with a 'Tools' dropdown. Below the toolbar is a rich text editor toolbar with various icons for bold, italic, underline, etc. The main text area contains the text 'USER\_A' with a circular button numbered 3 positioned above it. At the bottom of the text area, it says 'Words: 1'. A 'Toggle editor' button is located at the bottom right.

On the My Galleries page click the Create Gallery tab. This tab only shows when the user that is logged in has Create permission.

(1) Select parent gallery

To create a new gallery, first choose its parent. Choose "Top gallery" when you want the gallery to have no parent.

(2) Assign a name

(3) Fill out a description (May be empty)

(4) Save (create) gallery with entered settings

Click the little disk button at the top right of the "Create Gallery tab" to save the settings

(5) Cancel creation

Click the red round button with a white cross inside to 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.

**My Galleries**

Gallery	Published	Delete	Edit
Love Locks			

View after first gallery is created

Attention "Add image" is now available

## Galleries overview

**My Galleries**

Gallery	Published	Delete	Edit	
Love Locks				

(1) Gallery name

clicking on the name will lead to the editing page of the gallery

(2) Publish/unpublish gallery

Change the state of a gallery: published or unpublished  
red/green

In the Published column the user can tell by the icon if the gallery is published (green icon with white check mark) or unpublished (red icon with white dot inside). When the user is not allowed to change the state, the icons are grey, but with either the check mark or the dot. A click on the icon toggles the state from unpublished to published and vice versa.

(3) Delete gallery

A gallery can be deleted by clicking on the Delete icon. You will be asked to confirm the deletion of the gallery.

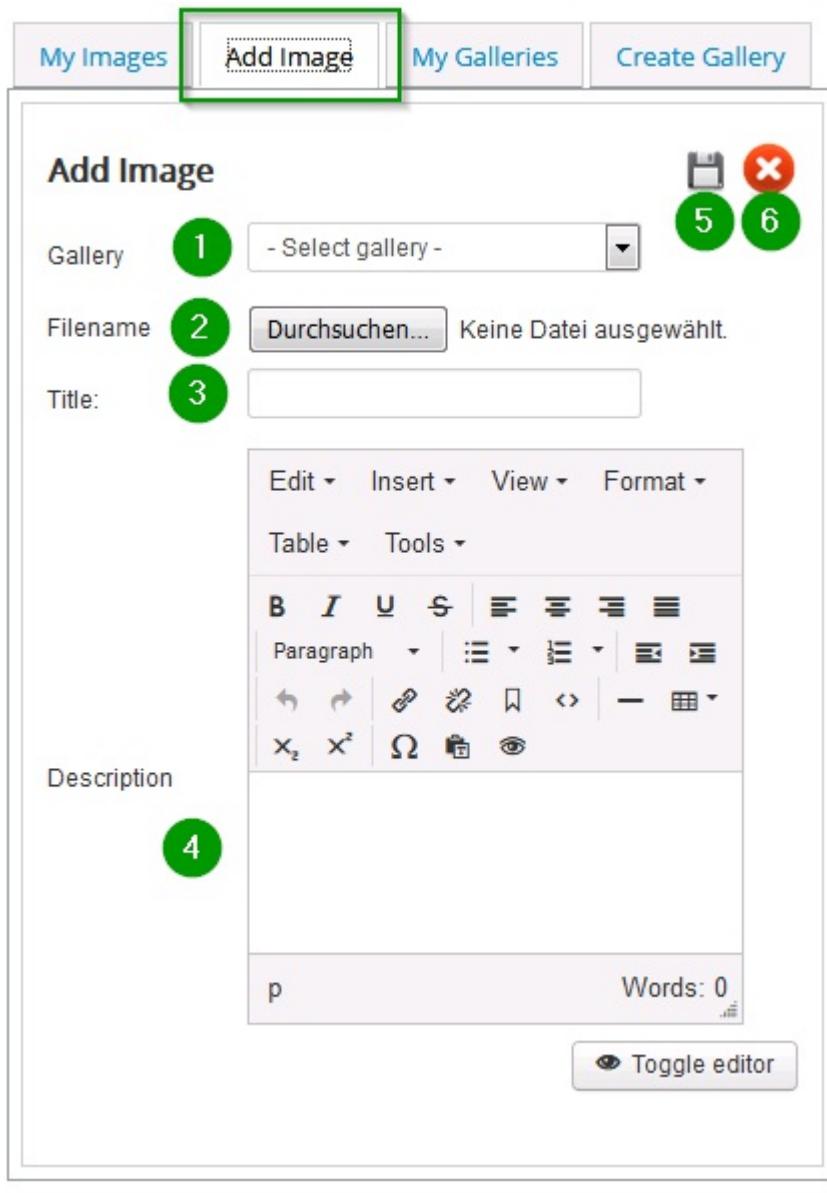
Attention: Images still in the gallery will  
be deleted as well

(4) Edit gallery

The details like the name and description of the gallery can be edited and a different parent gallery can be chosen. The gallery can be edited by either clicking on the gallery name or on its Edit icon

Doing this shows a new window with the gallery details

## Image Upload



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.

(1) Select parent gallery

To add your image(s), first choose the gallery that will hold the image(s).

(2) Select a file on your PC / device

You can either add a single image, or a set of images in a zip file. Browse to the file to select it.

There is a restriction of the size of a zip that can be uploaded. It depends on the settings of the server that hosts the web page.

(3) Assign a title

(4) Fill out a description (May be empty)

In case of multiple images in a zip file, this title and description will be used for each image.

(5) Upload gallery with entered settings

To upload your image(s) and save the details, click the disk button at the top right of the Create Gallery tab.

(6) Cancel upload

Next to the disk button is a red round button with a white cross inside. Use this cancel button to 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.

## Images overview

The screenshot shows a user interface for managing images. At the top, there are tabs: 'My Images' (highlighted with a green border), 'Add Image', 'My Galleries', and 'Create Gallery'. Below the tabs, there's a title 'My Images' and a toolbar with icons for checkmark, publish/unpublish, delete, and edit. A table lists images with columns for Name, Gallery, Published, Delete, and Edit. The first image has checkboxes (1, 2) and a title (2). The second image has a gallery name (3) and a published status (4). The third image has a delete icon (5) and an edit icon (6). The fourth image has a checkmark icon (7), a publish/unpublish icon (8), and a trash bin icon (9).

	Name	Gallery	Published	Delete	Edit
<input type="checkbox"/> 1	Simone and Roland 25 Years :-) (DSC_4720.JPG)	Love Locks	✓ (green)		
<input type="checkbox"/> 2					

(1) Check box for selecting multiple images for batch assignment

(2) Title of images

(3) Gallery

Name of the gallery the image belongs to

(4) Publish/unpublish image

Change the state of a image: published or unpublished  
red/green

In the Published column the user can tell by the icon if the image is published (green icon with white check mark) or unpublished (red icon with white dot inside). When the user is not allowed to change the state, the icons are grey, but with either the check mark or the dot. A click on the icon toggles the state from unpublished to published and vice versa.

(5) Delete image

A image can be deleted by clicking on the Delete icon. You will be asked to confirm the deletion of the image.

(6) Edit image

The details like the title and description of the image can be edited and a different gallery to which the item belongs to can be chosen. The item can be edited by clicking on its Edit icon. Doing this shows a new window with the item

details

(7) Batch publish images

The selected images can be published in one go

(8) Batch unpublish images

The selected images can be unpublished in one go

(9) Batch delete images

The selected images can be deleted in one go

## Edit image

### Joomla3x My galleries

**Edit image**

2 3

2 3

1

Gallery name Love Locks

Filename DSC\_4720.JPG

Title Simone and Roland 25 Years :-)

Description

Tools

B I U S | = = = =

Paragraph | = = = | ← →

Ω

Words: 0

The properties to be changed are the same like when uploading the image

(1) The uploaded image is displayed in "edit" view

(2) Click on disk button to save the changes

You can save your changes by clicking the disk icon on the top right

(3) Click on the "red cross" button to cancel and reset the changes

You can cancel your changes by clicking the red round icon with the cross inside.

Both save and cancel will take you back to the My Galleries page.

## Edit gallery

### Joomla3x My galleries

The screenshot shows the Joomla 'Edit gallery' interface. At the top, there's a toolbar with a green 'Edit gallery' button, two green circles labeled '1' and '2', and a red 'X' button. Below the toolbar, there are form fields: 'Parent gallery' (dropdown menu set to '- Top gallery -'), 'Gallery name' (text input field containing 'Love Locks'), and a rich text editor toolbar with buttons for bold, italic, underline, etc. A large text area for 'Description' contains the text 'Found locks on several places'. At the bottom of the editor, it says 'p' and 'Words: 5'. A 'Toggle editor' button is at the bottom right.

The properties to be changed are the same like when creating the gallery

(1) Click on disk button to save the changes

You can save your changes by clicking the disk icon on the top right

(2) Click on the "red cross" button to cancel and reset the changes

You can cancel your changes by clicking the red round icon with the cross inside.

Both save and cancel will take you back to the My Galleries page.

### My Gallery user information

## Joomla3x My galleries

### My Galleries

User information	
Username	User_A
Maximum usergalleries	5 (1 created))
Maximum images allowed	50 (1 uploaded)

At the top of the page "My Gallery" there is a box with User information: The name 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 maximal numbers of pictures a user can have).

### My Gallery appearing on main view

## Joomla3x My galleries

My Galleries

Search

5 ▾



Love Locks  
Owner: User\_A  
Size: 1 images  
Created: 26 July 2017  
Found locks on several places

1 

If the gallery and at least one image is "published" then it appears on the main page below the "My galleries" link and "Search box"

(1) Information buttons

The icons will indicate

- (O) User is the owner of the gallery
- (U) User can upload in this gallery
- (H) The gallery is hidden and not Published

If the mygallery user hovers over the buttons a explaining text will appear as tool tip

## Maintenance functions

The maintenance form supports with sub forms several functions to check and repair the rsgallery2 image and database universe.

Each grey array is a button to click on. In most cases a sub form will open where more info or actions are provided

The screenshot shows the Joomla! Maintenance interface. At the top, there's a header with a wrench icon and the word "Maintenance" on the left, and the Joomla! logo on the right. Below the header, the page is divided into three main sections:

- RSGallery2 zone** (Green background):
  - Native RSGallery2 functions**:
    - Slideshow configuration**: Edit and check the configuration parameters of installed slideshows.
    - Comments list**: List view of comments.
    - Template Manager**: Install and maintain gallery templates and slide shows.
- Repair zone** (Blue background):
  - Following functions may change data**:
    - Configuration Raw Edit**: Edit view of all config variables including internal settings. Prepared for debug and emergency situations.
    - Consolidate image database**: Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.
- Danger zone** (Red background):
  - Please use the buttons below only if you know what you're doing**:
    - Purge tables (data) & delete all images**: Removes all content data and images inside RSGallery2. It keeps the internal data structure. RSGallery2 will be as fresh as after the first installation.
    - Remove RSGallery2 tables and images**: Supports the first step to remove RSGallery2 completely. The images, the data itself and the data structure of RSGallery2 tables are removed completely. If afterwards the component is deinstalled nothing shall be left and remind of RSGallery2. Instead of using this function to prepare uninstall begin with above function 'Purge tables' to remove all data and images. Then search for file \administrator \components \com\_rsgallery2 \sql\uninstall.mysql.utf8.sql

<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">  <b>Images list</b>            Raw list view of images         </div> <div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">  <b>Galleries list</b>            Raw list view of galleries         </div> <div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">  <b>Comments list</b>            Raw list view of comments         </div>	<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">  <b>Regenerate display images</b>            This option will regenerate either thumbnail or display images, based on the current dimension settings.         </div> <div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">  <b>Optimise Database</b>            Reorganizes the physical storage of the database table data to reduce storage space and improve speed when accessing the table         </div>	<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;">           and remove the comments in front of the drop commands inside. Then use standard joomla uninstall         </div>
<b>Upgrade zone (from 1.x / 2.x)</b>		
Functions to use after upgrade from Versions 1.x and 2.x. These shall fix issues which happens when the upgrade path was too steep		
 <b>Database</b> Repair missing database tables, table columns and ...		
 <b>Create gallery 'access' field</b> On upgrade from 1.x this table field was missing. Here it will be created and all values set to one		
 <b>Delete J! Version 1.5 language files</b> Joomla 1.5 translation files were located in ...administrator\languages while actual components keeps them in in component folder. Delete old not used files		

## Zones

- Rsgallery2 zone

Handles slideshows and templates

- Repair zone

The image file system can be checked to match the database. Also the configuration can be checked here.

- Danger zone

Delete database entries and database structure

- Raw database zone

A window to the pure content of the database (lists)

- Outdated zone

Door to old view of functions like image/galleries lists

- Upgrade (from 1.x / 2.x) zone

Helpers after upgrading RSG2 from previous J!x versions

## Rsgallery2 zone

---

### RSGallery2 zone

Native RSGallery2 functions

- (1)  **Slideshow configuration**  
Edit and check the configuration parameters of installed slideshows
- (2)  **Comments list**  
List view of comments
- (3)  **Template Manager**  
~~Install and maintain gallery templates and slide shows~~

(1) Slideshow configuration

Edit and check the configuration parameters of installed slideshows.

Leads to a separate view for the edit of slideshow parameter.

See separate maintenance document ""

(2) Comments list

Enters list view of comments

(3) Template manager

Actually not working. (2014-2018)

In older version it had the function to upload slideshows and templates for the display of the gallery in frontend. These could be edited or deleted also.

## Repair zone

---

## Repair zone

Following functions may change data



Consolidate image database

1

Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.



Configuration Raw Edit

2

Edit view of all config variables including internal settings. Prepared for debug and emergency situations



Regenerate display images

3

This option will regenerate either thumbnail or display images, based on the current dimension settings.



Optimise Database

4

Reorganizes the physical storage of the database table data to reduce storage space and improve speed when accessing the table

(1) Consolidate image database

The consistence of the database to image files can be checked here. The following view supports the check and repair of image orphans in database or as missing image files.

(See separate maintenance document "")

(2) Configuration Raw edit

Edit view of all config variables including internal settings. Prepared for debug and emergency situations. Lists all variables in alphabetical order. The values can be changed and saved.

(4) Regenerate display images

This option will regenerate either thumbnail or display images, based on the current configuration settings of thumbnail dimensions

(5) Optimize database

Reorganizes the physical storage of the database table data to reduce storage space and improve speed when accessing the table

## Danger zone

### Danger zone

Please use the buttons below only if you know what you're doing



1

Purge tables (data) & delete all images  
Removes all content data and images inside RSGallery2. It keeps the internal data structure. RSGallery2 will be as fresh as after the first installation



2

Remove RSGallery2 tables and images  
~~Supports the first step to remove RSGallery2 completely. The images, the data itself and the data structure of RSGallery2 tables are removed completely. If afterwards the component is deinstalled nothing shall be left and remind of RSGallery2.~~  
Instead of using this function to prepare uninstall begin with above function 'Purge tables' to remove all data and images.  
Then search for file \administrator\components\com\_rsgallery2\sql\uninstall.mysql.utf8.sql and remove the comments in front of the drop commands inside. Then use standard joomla uninstall

(1) Purge tables (data) & delete all images

Supports the first step to remove RSGallery2 completely.

Therefore the content (items) in all RSGallery2 tables are removed. Additionally the image files are deleted. The data structure is

kept but is empty.

This can also be used to purge the data and start again empty with new images and new galleries.

If afterwards the component is de installed nothing shall be left and remind of RSGallery2

(2) Remove RSGallery2 tables and images

The previous intention was to support the uninstall that by removing databases tables and image files. The side effect of this function was that Joomla! did start with error and RSGallery2 could not be uninstalled

Instead of using this function begin with above function 'Purge tables (data)'

See following instruction for a complete remove

## How to remove RSGALLERY2 completely

(1) Use Maintenance -> Purge tables

This removes the database content and the image files

(2) Prepare the remove of database table structure

Search in admin rsgallery2 folder \administrator\components\com\_rsgallery2\sql\ for file uninstall.mysql.utf8.sql. Edit the file and remove the comments in front of the drop commands.

(3) Standard uninstall

Use finally standard Joomla uninstall to get rid of all parts of RSGallery2

## Raw database zone

---

## Raw database zone

Raw view to database table data

-  1 Configuration Variables  
Plain view of all config variables including internal settings. The values can't be changed
-  2 Images list  
Raw list view of images
-  3 Galleries list  
Raw list view of galleries
-  4 Comments list  
Raw list view of comments

The buttons lead to the pure content view of the database lists

(1) Configuration variables

Show s a list w ith actual values of all configuration variables

(2) Images list

Show s a list w ith the database properties of all images. This contains more columns as the normal image view.

(3) Galleries list

Show s a list w ith the database properties of all galleries. This contains more columns as the normal image view.

(4) Comments list

Show s a list w ith the database properties of all comments. This contains more columns as the normal image view.

## Outdated zone

## Outdated zone

### Old RSGallery2 forms



Configuration

1



Manage Galleries

2



Manage Images

3



Upload single images

4



Consolidate Database

Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.

5

Door to old view of functions like image/galleries lists

These buttons lead to the previous views of RSG2 around 2013 or beginning of J3x

the functionality is not granted as this old code is not maintained any more. Still it may be a hint what has improved over this time

(1) Configuration

%

(2) Mange galleries

%

(3) Manage images

%

(4) Upload single images

%

(5) Consolidate database

Don't use. It is only listed for completeness

## Upgrade (from 1.x / 2.x) zone

### Upgrade zone (from 1.x /2.x)

Functions to use after upgrade from Versions 1.x and 2.x. These shall fix issues which happens when the upgrade path was too steep



Database

1

Repair missing database tables, table columns and ...



Create gallery 'access' field

2

On upgrade from 1.x this table field was missing. Here it will be created and all values set to one



Delete RSG2 base language files

The RSG2 base translation files are located in ...\\administrator\\languages. These may overwrite new RSG2 language items kept in component folder. Delete these not needed files

3

### (1) Database

Repair missing database tables, table columns and ...

This function reassigned the actual SQL definitions. Therefore new tables, new columns are added and not supported columns are removed

This is useful when upgrading from a real old version and general list can not be viewed

### (2) Create gallery "access" field

On upgrade from 1.x this table field was missing. Here it will be created and all values set to one

### (3) Delete RSG2 base language files

Deletes RSGallery2 languages files in joomla base language folders. The RSG2 base translation files are located in ... \administrator\languages. These may overwrite new RSG2 language items kept in component language folder.

Use this function when an update installation does not overwrite "old" base language files and translations do not appear or appear as old.

---

## Maintenance Consolidate image database

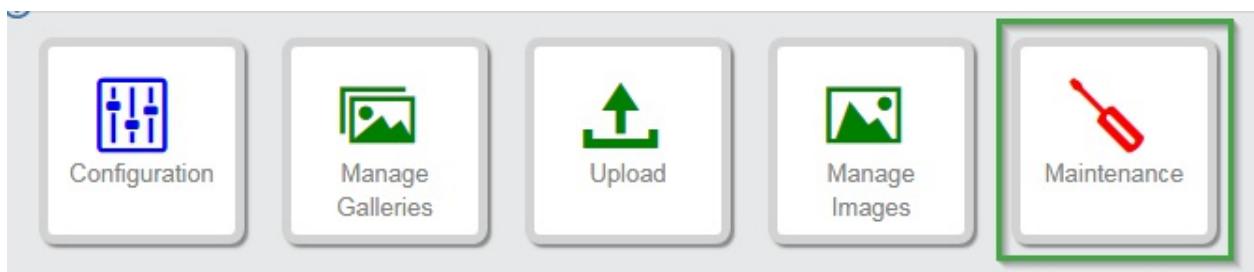
---

In cases where the upload got stuck you may get an error message but can't tell how far the process got. Here you can check the consistency of image references in database and files found in the images folder of RSGallery2

This function checks the links of images between image files and database assignments. It finds left over items like orphaned files or database image reference with missing file

### How to get there

In "control panel" select Maintenance



There select in section "Repair zone" the button "Consolidate image database".

## Repair zone

Following functions may change data



[Consolidate image database](#)  
**Lost and found:** This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.

This will lead to a page where it is checked whether there are database entries for missing images or for images with no database / gallery connection

## Result of checks

On opening the form or clicking on "Repeat checking" the system is checked and the result is displayed.

[Consolidate image database](#)


(7)

 Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.

#	Filename	In database	Display folder	Original folder	Thumb folder	Watermark folder
0	2015-12-25_00054.jpg	✓	✗	✓	✓	✗
1	addedbyftp.jpg	✗	✗	✓	✗	✗

1

**List of missing image references**

#  Filename

0  2015-12-25\_00054.jpg

1  addedbyftp.jpg

2

3

4

5

Select for parent galleries:

**6**

In (1) appears the list of files with "missing parts".

(2) Area with filename and check box to select images for further actions -> (7)

(3) Area with state of image. On green the item exists and red it is missing

(4) Direct action buttons. On click the task is performed on the file of the row s

(5) The parent gallery of the file in the row is listed and one of the matching images is displayed

### Area with state of image.

List of missing image references							
#	<input type="checkbox"/> Filename	In database	Display folder	Original folder	Thumb folder	Watermark folder	Action
0	<input type="checkbox"/> dsc_5531-7.jpg	✓	✗	✗	✗	✗	 1

On green the item exists an red it is missing

(1) Each column indicates a file missing or existing

For file origin folder see configuration settings

- Original folder: High resolution file. May be not saved on upload if prohibited in configuration
- Display folder: File w ith defined resolution on upload. It will be used in slide show s
- Thumb folder: Thumb size resolution files used in gallery view .
- Watermark folder: This column/files w ill only appear if this feature is activated in the configuration. The filename in the folder may not match the used filename in database or the other image folders

### Direct action buttons



On click the task is performed on the file of the row s

Similar to the button in the header area these button issue immediate task on the image references(items) of this row

(1) Create missing images in row

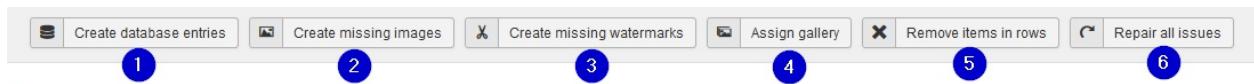
(2) Assign gallery name

(3) Repair all issues in row

(4) Remove items in row s

More detailed description can be found below w hen the list buttons are explained

### Action buttons for selected images



The above buttons can be used for selected file lines

(1) Create database entries

- Adds database references to the selected files

(2) Create missing images

- Used the original or display image to create the missing ones. If only the thumbnail is given it is used also but the result may not be very bright.

(3) Create missing w atermarks

- If w atermark is selected in the configuration w atermarked files are created for the selected files

(4) Assign gallery

- Above the file list on the right side a gallery can be selected. On clicking this button the selected files w ill be bound to the gallery

(5) Remove items in row s

- Does delete all existing connected items of the selected files. Deletes the references in the database and the existing files. Here all obsolete data may be cleaned.

(6) Repair all issues

- This button fixes all missing references. It creates database references and missing image files.

### Assignment of image(s) to parent gallery

**the filesystem, to see if there are any discrepancies.**

Select for parent galleries:

On the right side above the image list the user can define the parent gallery to be used in image action. The gallery can be assigned w ith a button "Assign gallery" w ithin the image row or for all selected images w ith the similar button on top of the page.

If Button "Repair all" is clicked and a gallery is selected this gallery is assigned.

### "Lost" database file references

If no files exists to a "lost" database item the result looks like follow ing.

1 <input checked="" type="checkbox"/> dia_1992_10_nr009.jpg	✓	✗	✗	✗	✗	✗	Third gallery	✖
---	---	---	---	---	---	---	---------------	---

In this case it is best to select the line and use button "Remove items in row " to delete this item in database.

## Back door assignment of images to existing galleries

A indirect way to upload images to RSGallery2 is to copy of the image(s) to the RSGallery2 original folder. Go to "consolidate images" view.

### 1. Upload image

Copy your file per FTP into folder .../Joomla/images/rsgallery/original.

### 2. Create files and database reference

The screenshot shows the Joomla Consolidate image database interface. At the top, there is a toolbar with several buttons: 'Create database entries' (blue), 'Create missing images' (grey), 'Create missing watermarks' (grey), 'Assign gallery' (grey), 'Remove items in rows' (grey), and 'Repair all issues' (grey). A blue circle labeled '6' is positioned above the 'Repair all issues' button. Below the toolbar, a note says: 'Lost and found: This option will perform a complete check on the database and images in the filesystem, to see if there are any discrepancies.' To the right of this note is a blue circle labeled '4'. Further down, there are two dropdown menus: 'Select for parent galleries:' and 'Select an option'. A blue circle labeled '5' is positioned next to the first dropdown menu. In the center, there is a table titled 'List of missing image references'. The table has columns: #, Filename, In database, Display folder, Original folder, Thumb folder, Watermark folder, Action, Gallery, and Image. A row is shown for 'dsc\_5505b.jpg'. The 'In database' column has a red 'x'. The 'Display folder' column has a red 'x'. The 'Original folder' column has a green checkmark. The 'Thumb folder' column has a red 'x'. The 'Watermark folder' column has a red 'x'. The 'Action' column contains four icons: a magnifying glass, a camera, a circular arrow, and a delete symbol. The 'Gallery' column has a delete symbol. The 'Image' column shows a thumbnail of a fence with a padlock. A blue circle labeled '2' is positioned next to the 'Original folder' column. A blue circle labeled '3' is positioned next to the 'Image' column. At the bottom of the interface, there are three buttons: 'Repeat checking' (blue), 'Cancel' (grey), and '1' (blue).

(1) Use button "Repeat checking" so the image is found

(2) If the image exists it is marked here

(3) If the image exists it is displayed here

(4) Select the parent gallery

(5) Select the line(s) with clicking on marker in front

(6) Use button "Repair all issues"

If all goes well then the line of the selected image(s) will disappear in the next display of the page

# Maintenance Slideshow configuration

Slideshow parameters can be changed here

Two files living within the slideshow code define the parameters and their values

- templateDetails.xml

Existing parameter and their default value are defined in section param.

- params.ini

The actual values are taken from this file. If a value is not defined here than the default value will be used.

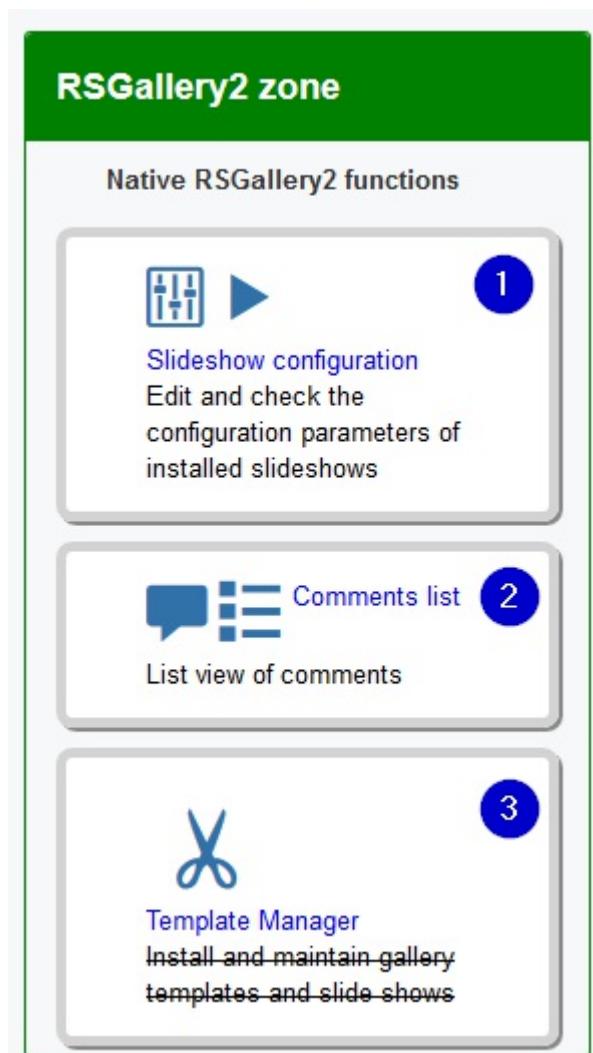
The format is parameter="value". The double quotes may be omitted

The slideshow code files reside in path on the server:

".../joomla/components/com\_rsgallery2/templates/"

## Path to edit configuration form

Goto maintenance -> Use button (1) Slideshow configuration



## Slideshow edit configuration form

The screenshot shows the "Maintenance: Slideshow configuration" screen. At the top, there are three buttons: "Save parameter" (grey), "Save file" (grey), and "Cancel" (red). Below them, a dropdown menu labeled "Select slideshow" contains the option "slideshowone". A blue circle with the number "1" is positioned next to the dropdown.

The main area is divided into two sections:

- Slideshow Parameter**: This section contains a "Autostart" field with a "Yes" button (grey) and a "No" button (red). A blue circle with the number "2" is positioned next to the "No" button. Below this is a "Save parameter" button.
- File params.ini**: This section shows the "params.ini content" as "autostart="0"". A blue circle with the number "3" is positioned next to the content area. Below this is a "Save file" button.

(1) Select the slideshow to edit

(2) Section slideshow parameter

The variables shown here are definitions for the slideshow prepared in Joomla edit format. These and their default value are defined in file templateDetails.xml in section "param".

On "Save parameter" all values are written into the params.ini file and will appear in below section

(3) Section slideshow file

The values in params.ini file set the actual used values and overwrite the default. Here the actual values are displayed in "INI" format. The format is parameter="value". The double quotes may be omitted. The values displayed are used when the slideshow is shown. If the file (text area) is empty then the standard values are used. The file is filled when the configuration parameters are saved. Lines with standard values are not needed and can be removed.

**Save changes**

The screenshot shows the 'Maintenance: Slideshow configuration' interface. At the top, there are three buttons: 'Save parameter' (1), 'Save file' (2), and 'Cancel'. Below these are two dropdown menus: 'Select slideshow' (1) set to 'slideshowone' and 'File params.ini' (2). The main area is divided into sections: 'Slideshow Parameter' and 'File params.ini'. In the 'Slideshow Parameter' section, there is a 'Autostart' field with 'Yes' (3) and 'No' buttons. In the 'File params.ini' section, there is a 'params.ini content' field containing 'autostart="0"' (3). At the bottom of each section are 'Save parameter' (1) and 'Save file' (4) buttons.

## Slideshow Parameter

Autostart

Yes      No

## File params.ini

params.ini content

```
autostart="0"
```

Save parameter      Save file

The parameters may be saved by the buttons in the menu bar (1) or below the parameter area. (3)

The file area may be saved by the buttons in the menu bar (2) or below the parameter area. (4)

**Tip:**

**Reset to default values**

Delete the content of the file params.ini in the below section and save it (button in below section). Afterwards save the parameters (button in above section). All default settings will appear in file parameter definition area.

```
!INCLUDE ""  
!INCLUDE ""  
!INCLUDE ""
```

```
!INCLUDE ""
```

Use on site gallery display page

## Search on site gallery view

### RSGallery2 Search Results

*There are 12 results for 2015*

#### P57\_TwoBlades.jpg

First line



Dummy test for Year 2015 search

Third line

Next line

[Gallery name: \_Dummy01] [Owner: finnern]

#### 2015-12-25\_00064.jpg

[Gallery name: \_Dummy01] [Owner: finnern]

- (1) Search input

On top of the galleries is displayed a search box. The user may search for images where the name or the description matches the search text. With enter the search is issued

## Search results for search text "2015"

### RSGallery2 Search Results

*There are 12 results for 2015*

#### P57\_TwoBlades.jpg

First line



Dummy test for Year 2015 search

Third line

Next line

[Gallery name: \_Dummy01] [Owner: finnern]

#### 2015-12-25\_00064.jpg

[Gallery name: \_Dummy01] [Owner: finnern]

The search results display the found texts highlighted.

If the text is found in the description the complete description is shown beside the thumbnail.

It shows the thumbnail, image name, the gallery name and the owner of the image  
[<http://www.forum.rsgallery2.org/index.php?topic=16758.msg43609#msg43609>]

# How to create your own template or modify the Semantic template?

---

Users often modify the default RSG2 Semantic template. But when RSGallery2 is upgraded, these changes will be lost as an upgrade writes over the files in the RSG2 template Semantic directory.

By creating your own RSG2 template, in its own directory, your changes won't be lost in an upgrade (but of course you have your backup always ready when something goes wrong).

## Notes

- These steps are for version 3.0.1, but the idea is the same for version 2.x.
- Assumption: you know (just) enough PHP, HTML and CSS to understand what is happening in the files mentioned, or are willing to learn this yourself (e.g. with <http://docs.joomla.org/> or <http://www.php.net/> or by finding answers with your favorite search engine).
- This is not about creating a template from scratch, but about creating a template from a copy of the Semantic template. With enough PHP/HTML knowledge, and with the current templates as examples, you should be able to create your own templates from scratch though.

## Basic Information

You can see the available RSGallery2 templates here: Backend > Components > RSGallery2 > Control Panel > Template Manager > Manage.

Note: Unfortunately, the "install" option does not work (yet) in version 3.x.

In a default installation there is a debug template (not interesting to regular users), the default template Semantic and three template which names start with "Slideshow". These last three are no 'full templates', they are the slideshows that can be chosen to display with slideshow link.

## Creating your own template from the Semantic template

Let's create a template called MyOwnTemplate starting from the Semantic template.

- 1) Start by copying the directory /JOOMLAROOT/components/com\_rsgallery2/templates/semantic/ to /JOOMLAROOT/components/com\_rsgallery2/templates/myowntemplate/ (lowercase letters). Now refresh the list of templates and you'll see two Semantic templates. So we'll have to change the details...
- 2) Use your favorite editor to find all occurrences of the text "semantic" in all files in the directory /JOOMLAROOT/components/com\_rsgallery2/templates/myowntemplate/. My favorite editor is Notepad++ (<http://notepad-plus-plus.org/>) that allows me to find text in a given directory (Find in Files tab when you press CTRL-F). This gives us four files (in this directory)
  - a) changelog.txt

Change this file any way you want for your template, it's supposed to be a changelog.

- b) display.class.php

Now here we have to change line 15 where it says

```
class rsgDisplay_semantic extends rsgDisplay{
```

to Code:

```
class rsgDisplay_myowntemplate extends rsgDisplay{  
(and of course you use your name (lowercase) instead of 'myowntemplate').
```

c) index.php

Two things to change here:

line 21

```
$templatePath = JPATH_RSGALLERY2_SITE . DS . 'templates' . DS . 'semantic';
```

changes into

```
$templatePath = JPATH_RSGALLERY2_SITE . DS . 'templates' . DS . 'myowntemplate';
```

and line 24

```
$rsgDisplay = new rsgDisplay_semantic();
```

to

```
$rsgDisplay = new rsgDisplay_myowntemplate();
```

d) templateDetails.xml

The details you find in the Template Manager list are in this file. So change (at least)

Code: [Select]

```
<name>Semantic</name>
```

to

Code: [Select]

MyOwnTemplate

and you can change several other fields as well. In this file you'll also see a list of all files/directories used in this template, and you can see a 'testParameter' that has once been used as an example.

Now refresh your template list and see the changes you made. The changes in step d are reflected here, the other changes are necessary to let the template function properly.

The testParameter can be found when you select the template and click Edit: it shows an unused "Color Variation".

## Change CSS styling

Now, just to show you an example, find in your new template directory the file /css/template.css and add a line "background-color: #f0f0f0;" to "table#rsg2-thumbsList td". Make sure that your new template is the default in the template manager and refresh your frontend RSGallery2 list view of thumbnail images (e.g. click your RSG2 menulink, click a gallery) and you'll see your #f0f0f0 (grey) background.

## Changes in the PHP code...

Please install JDump (<http://extensions.joomla.org/extensions/miscellaneous/development/1509>) and we'll do some testing first (see "Note about JDump" at the bottom of this post).

Find the file /html/thumbs\_table.php in your new template directory (this file is used when this backend setting is set in the RSG2 Configuration > tab: Display > slider: Gallery View > Thumbnail Style = Table).

With e.g. Firebug (Firefox addon: <http://getfirebug.com/>) we can 'inspect elements' on webpages.

On the page where the thumbnails for a gallery are shown in a table (which has by default 3 columns), we can see that the table starts with this HTML code:

Code: [Select]

```
<table id="rsg2-thumbsList" border="0">
```

This line is found at the top of the thumbs\_table.php file at line 16. Now let's do some testing with JDump.

Line 15 is an empty line, let's put this line there:

Code: [Select]

```
TEST<?php dump($this);?><?php echo $this->gallery->id;?>
```

This way we get the text 'TEST', with the gallery id number and a JDump popup window where we can inspect \$this (I am assuming that you read the JDump documentation and know how it works and that the rest of the line is clear to you as well because of some background in PHP and HTML.) I always like to check if I'm making changes in the correct file at the right place, and this is a way to do that. JDump allows me to find out what information/variables are available 'anywhere'.

Right now I'd like a link to the slideshow for this gallery here. That is why \$this->gallery->id is already on the line... With Firebug I can tell that on the webpage that shows all galleries with the info there is a div element with class rsg2\_details used for the CSS. With Notepad++ the text 'rsg2\_details' can be found in two files in the directory for our template, one of which is a css file (... \myowntemplate\css\template.css, the directory myowntemplate was a copy of semantic) and the other a php file (... \myowntemplate\display.class.php). In the latter you can see how the slideshow link is created:

Code: [Select]

```
if ($slideshow) {
?
<a href='<?php echo JRoute::_('index.php?
option=com_rsgallery2&page=slideshow&gid=".$kid->get('id')); ?>'>
<?php echo JText::_('COM_RSGALLERY2_SLIDESHOW'); ?></a><br />
<?php
}
}
```

E.g., if the user indicates in the Control Panel that he wants to show the slideshow a link is created, with the proper translatable

text. Only here the variable is `![$kid->get('id')]`, the gallery id number, but we don't have kid in our `thumbs_table.php` file "environment", there we have to use `]`

**Warning:** fopen() [[function.fopen](#)]: URL file-access is disabled in the server configuration in `D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php` on line **73**

**Warning:** fopen(<http://quicklatex.com/latex3.f>) [[function.fopen](#)]: failed to open stream: no suitable wrapper could be found in `D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php` on line **73**

**Fatal error:** Uncaught exception 'Exception' with message 'POST <http://quicklatex.com/latex3.f> failed: fopen(<http://quicklatex.com/latex3.f>) [[function.fopen](#)]': failed to open stream: no suitable wrapper could be found' in `D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php:86`  
Stack trace:  
`#0 D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php(43): rest_helper('http://quicklat...', 'formula=kid->ge...', 'POST', 'text')`  
`#1 D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php(8): render_quicklatex('kid->get('id')...')`  
`#2 {main}`  
thrown in `D:\Inetpub\DomainID202296\localuser\problemsetmarmoset\latex\render.php` on line **86**

"`kid->get('id')`", the gallery id number, but we don't have kid in our `thumbs_table.php` file "environment", there we have to use "`this->gallery->id`". So lets remove our newly added line 15 in `thumbs_table.php` and copy this piece of code there:

Code: [Select]

```
<a href='<?php echo JRoute::_('index.php?

option=com_rsgallery2&page=slideshow&gid=". $this->gallery->id); ?>'>
<?php echo JText::_('COM_RSGALLERY2_SLIDESHOW'); ?></a><br />
<?php
```

Note that the if statement is removed (excuse for the user if you want to use that statement: the value for `$slideshow` is retrieved from the configuration in the function `_showGalleryDetails`).

Now on the page with thumbnails, you'll see a Slideshow link (in your language).

## Final words

I hope this will show you how to preserve your changes to a template upon upgrading. This may also be a start in adjusting the default templates to your wishes, perhaps at first with tiny changes, but bigger changes with more (coding) experience.

If you made a beautiful template you can share it on the forum (with a GNU/GPL license) if you'd like that, and when enough users want it in the default RSG2 installation, we'll put it in (with credits of course and a GNU/GPL license).

So have fun tweaking RSG2 to your wishes!

Note about J!Dump (added 15 June 2012)

I had J!Dump version 1.2.0RC/beta2 running on Joomla 1.6/1.7 and now 2.5. When I was looking for the info that this would not only work on Joomla 1.5.x but also 2.5.x (I must have read it once somewhere...) I found this post on the Project Homepage of J!Dump on JoomlaCode (where the download pages are):

<http://joomlancode.org/gf/project/jdump/news/?action=New&ThreadView&id=3235>

J!Dump now works with Joomla 1.6. Version 1.1.2 will install and function under 1.6, though there are still some bugs to work out. Mathias was kind enough to let me release this version, continuing his great work! (Dated 2010-12-28) Modify message

« Last Edit: June 15, 2012, 12:03:42 PM by mirjam »

unready

### 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

!INCLUDE ""

## How to hide the original image from the user

---

### Intention:

You want to show your images to the customers but the customer shouldn't be able to download in original resolution. The RSGallery2 supports this with some small draw backs.

We can't avoid that every image that is shown in the browser the user can download which is not what you want.

### Solutions:

- Prevent showing the original image on double click on the image
- Automatic remove the original size image file after upload
- Display a watermarked file instead of the original image

### Display types in RSGallery2

- "Thumbs": Show in gallery overview ==> No need for watermarking
- "Display": Single image view in slideshow and similar views ==> Expected to be resized into lesser quality and therefore no watermark.
- "Original": A double click on a "display" image leads to a full screen "lightbox" image of the original file.

### Solution "Popup style to none":

Configuration -> Tab "display" -> section "Image display"

Image Display		
Display Slideshow in item view	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	1
Popup style	<input type="button" value="Normal popup"/> <input type="button" value=""/>	2
Display Description	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	3
Display Hits	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>	4
Display Voting	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	5
Display Comments	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>	6

- (2) Popup style

Defines the method ("No popup", "Normal popup", "Joomla Modal") used for displaying a popup (big image) after a click of the image in single image display.

Possible selections:

- "No popup": A click on the image does not open a popup or display the "original" image in a separate window
- "Normal popup": After click on the image the original image is displayed in a separate browser window style
- "Joomla Modal": After click on the image a popup in a modal style with [x] to close appear in front of the small image screen

Choose "No popup" to avoid the download of the original size image. Then the user will only see the small sized "display" image.

#### Draw back

- The "original" files can be found and opened in the browser with guessing if a knowledge of the RSGallery2 / Joomla structure exists.

This can be disguised using a different folder for originals (see configuration image below)

### Solution "Automatic remove the original size image file":

Configuration -> Tab "Image" -> section "Image Storage"

Image Storage			
Keep original image	<input checked="" type="radio"/> Yes	<input type="radio"/> No	1
Original Image Path	/images/rsgallery/original		2
Display Image Path	/images/rsgallery/display		3
Thumb Path	/images/rsgallery/thumb		4

- (1) Keep original image Yes / No

On "yes" the original image will be deleted after the upload process for server space or hiding purposes. On a double click of the display sized image the same image (size) appears then in the popup

#### Draw back:

Watermark images not created on upload will use the smaller size "display" image to be build when the user opens the "original" view "

## Solution "Watermarked files":

### 1) Resized display image (to bad quality)

On upload the original image it is resized to display size defined in configuration.  
This reduces "interest" of your user to download with this bad quality

### 2) Watermark

A watermarked replacement file will be created once when uploading or when viewed the first time.  
The watermarking will be a text defined in the configuration.

Optional: Add icon or other image as watermark. (This has to be developed. It can be done in short time. Send us an email if you need it and we will care for it)

### 3) Disguise watermarked file names

Additional the created watermarked files are disguised with a different filename.  
So users can't immediately guess the URL of the next or previous image. So it is harder to download all your images and remove the watermark with an imaging application

#### ##### Draw backs

- The small sized "display" files have no watermark
- The "display" files can be found with guessing and a knowledge of the RSGallery2 / Joomla structure
- If you switch on watermarking after uploading the images then the watermarking tries to use the original image. If it doesn't exist then it uses the "display" files with lower resolution.

## Setup watermarked configuration:

1. Hide (delete) original after upload

**Image Storage**

Keep original image	<input type="radio"/> Yes	<input checked="" type="radio"/> No	1
Original Image Path	/images/rsgallery/original		
Display Image Path	/images/rsgallery/display		
Thumb Path	/images/rsgallery/thumb		

In configuration->images->section "Image storage"

- (1) activate the "no" selection
1. Check "display" resolution

**Image Manipulation**

Display Picture Width	<input type="text" value="400"/>	1
Thumbnail Width	<input type="text" value="80"/>	
Thumbnail Style	<input type="text" value="SQUARE"/>	
JPEG Quality Percentage	<input type="text" value="85"/>	2
Allowed file types	jpg,jpeg,gif,png	

In configuration->images->section "Image manipulation"

- (1) Display picture width defines the maximum size of the displayed image.
  - (2) You can reduce the quality of the displayed image to your needs
1. Check watermark settings

Image Watermark	
Display Watermark	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <span style="color: green;">1</span>
Watermark type	<input type="button" value="Image"/> <span style="color: blue;">2</span>
Watermark text	(c) 2016 - RSGallery2 Much too lor <span style="color: blue;">3</span>
Font	<input type="button" value="arial.ttf"/> <span style="color: blue;">4</span>
Watermark font size	<input type="button" value="192"/> <span style="color: blue;">5</span>
Watermark text angle	<input type="button" value="0"/> <span style="color: blue;">6</span>
Watermark image	images/rsgallery/watermarked/rsg2-logoGrey.png <span style="color: blue;">7</span> <input type="button" value="Select"/> <input type="button" value="X"/>
Scale watermark image	<input type="button" value="8.00"/> <span style="color: blue;">8</span>
Watermark position	<input type="button" value="Center"/> <span style="color: blue;">9</span>
Margin from top	<input type="button" value="35"/> <span style="color: blue;">10</span>
Margin from right	<input type="button" value="75"/> <span style="color: blue;">11</span>
Margin from bottom	<input type="button" value="100"/> <span style="color: blue;">12</span>
Margin from left	<input type="button" value="55"/> <span style="color: blue;">13</span>
Watermark transparency	<input type="button" value="50"/> <span style="color: blue;">14</span>
Watermarked image path	<input type="button" value="/images/rsgallery/watermarked"/> <span style="color: blue;">15</span>

In configuration->display->section "Image watermark"

- (1) Display watermark Activate if watermark files should be used on "big size" image view. It will replace the original file which would be displayed otherwise. A watermarked replacement file will be created once when uploading or when viewed the first time. The watermarking will be a text defined in the configuration. Optional: Add icon or other image as watermark. (This has to be developed. It can be done in short time. Send us an email if you need it and we will care for it)
  - (2) Watermark type  
A text or an image can be merged into the original image as a watermark
  - (3) Watermark text  
Define the text to be displayed in the image
- (4) Font  
Select the font type of the watermark text
- (5) Watermark font size  
Select the font size of the watermark text
- (6) Watermark text angle  
Define the angle of the watermark text
- (7) Watermark image  
Will be merged into the big display image. Watermark image should be smaller than display image"
- (8) Scale watermark image  
Enter a factor to enlarge the watermark image. 1.0 will use the original. Smaller values will reduce the watermark image size
- (9) Watermark position  
Select the position of the watermark text.
- (10) Margin from top
- (11) Margin from right

- (12) Margin from bottom
- (13) Margin from left  
Margin from the border of the original image. Watermark is placed with distance to the border, if it is not centrally located
- (14) Watermark transparency  
Define transparency of the text to be displayed in the image
- (15) Watermark image path  
Define the destination path of the created watermarked files

## Uninstall

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## Left overs ...

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