

# RC Justified Gallery

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# About RC Justified Gallery

RC Justified Gallery is an easy to use, fixed-width gallery plugin for Joomla.



## Justified fixed-width layout

Just like you can do with justified text, this plugin gives you an image gallery that completely fills the space you put it in, right up to the left and right margins. Better yet, it does it without cropping or changing the aspect ratios of your images.

## Responsive

Justified Gallery looks great on all screen sizes, from phones and tablets up to desktop monitors. It also dynamically resizes as the browser window changes size.

## Easy to use

It's easy to add Justified Gallery anywhere on your site, with just a tiny bit of text. It'll automatically create thumbnails for all of the images you include too.

## Optional Built-in Shadowbox

Justified Gallery can optionally present images in a simple shadowbox, with minimal styling, or if you prefer, you can use it with whichever other shadowbox plugin you normally use.

# Installing the plugin

## Installation

Install the plugin in the usual way. It can then be found under **Extensions > Plugins > RC Justified Gallery**. To make the plugin really easy to use, you can then install the [Editor Button Add-on](#). Both plugins will automatically enable themselves once installed.

## Uninstallation

You can uninstall the plugin in the usual way. Note that while all of the extensions files will be completely removed, the thumbnails generated for your galleries will remain. You can easily delete these using your FTP client, or through Joomla's media manager. These will be in folders called "rc\_thumbs" inside your original image folders, for each gallery you've included.

## Upgrades

To upgrade to a newer version of the plugin, just install the new version in the usual way. It will install over the top of your previous installation, and retain your settings.

## Editor Button Add-on

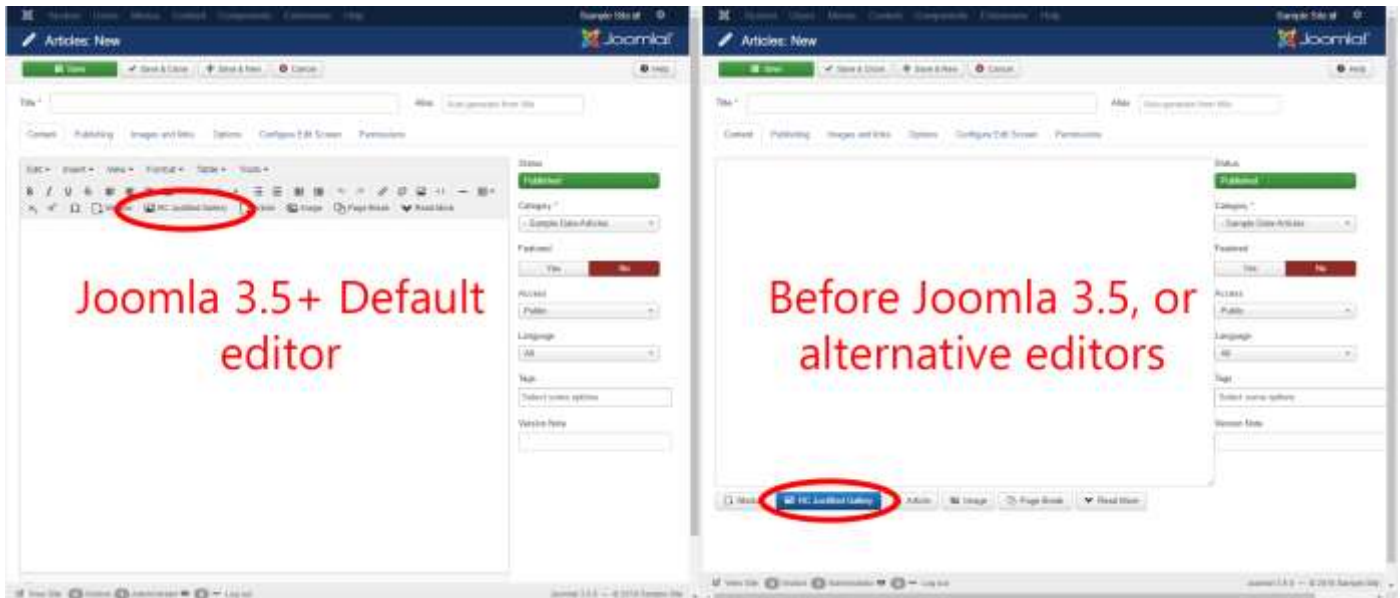
You can also install the editor button add-on plugin, available from [therichcourt.com](http://therichcourt.com) as a separate download. As with the main plugin, this is installed, uninstalled and upgraded in the usual way. Once installed, it will automatically enable itself. This can be found under **Extensions > Plugins > RC Justified Gallery Editor Button Add-on**.

# Gallery

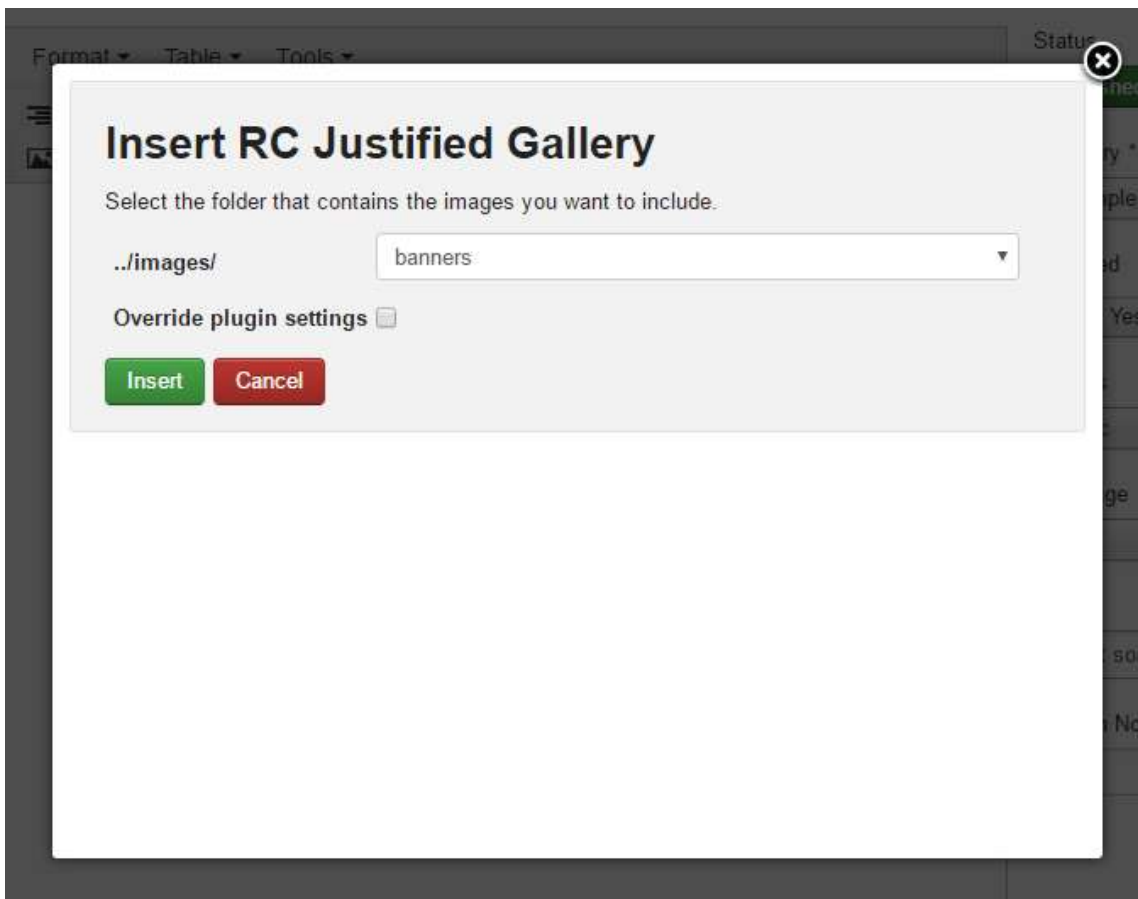
**QUICK START:** Include a gallery in an article

Note that this step assumes you've already [installed and enabled the plugins](#).

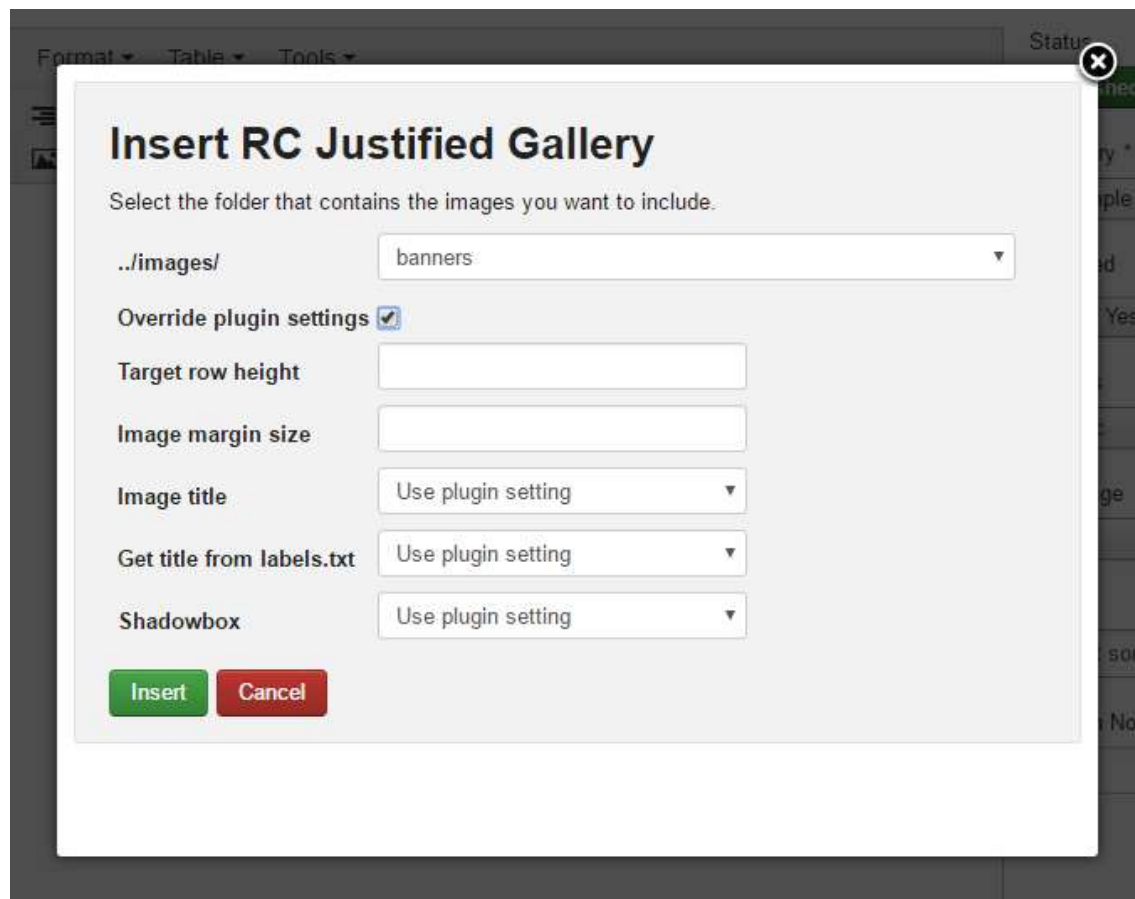
Including galleries in your articles is simple, particularly if you've also installed the [editor button add-on](#) (which is recommended). Assuming you've enabled both of the plugins, you'll see a button on the article editor.



Clicking this button will open a popup (fig. 2), which lets you choose the folder your images are stored in. Once you've chosen, just click "insert". That's it!



You might want to override some of the plugin's settings for the particular gallery you're adding. In that case, check the box marked "Override plugin settings". More info on what these settings do can be found in the [settings](#) section of this manual.



If you prefer not to use the editor button, you can add galleries to your articles by just including the text `{gallery}myfolder{/gallery}`, without the quotes, anywhere in your article. By default this would include images from the folder `"yourjoomlasite.com/images/myfolder"`.

## Settings

RC Justified Gallery is pre-configured to give you beautiful responsive galleries straight out of the box. However, if there's anything you do want to change, the following settings are available from the plugin's admin page.

Setting	Description	Default
Root Image Folder	Folder in which your gallery folders can be found.	'images'
Sort images by	Order in which the images will be displayed.  <b>NB: if you choose date, the plugin will check the image file for EXIF data. If there is no EXIF data for a file, or the EXIF data doesn't include the date the image was taken, then it can't be sorted. The result will be that those without the date will appear last. If more than one file is missing the date, then they will be shown in order of file name after those with dates.</b>	File name
Sort direction	Self-explanatory.	Ascending
Target Row Height	The rows in the gallery will vary in height in order to justify the width to the left and right margins. This is the target height the plugin will start from for each row. In reality, rows will almost always be larger or	100

smaller than the number specified here, however it's useful for controlling the **approximate** height, and therefore size of the thumbnails. Measured in 'px'.

**Thumbnail Quality  
(0 – 100)**

The quality of thumbnail files created by the plugin. 0 is poor quality, but low file size. 100 is excellent quality, but high file size. The slider moves in increments of 10.

80

**NB: This option was new in version 1.2.X of the plugin. Thumbnails created by older versions were always created at 100% quality.**

See [Refresh thumbnails](#) if you want this setting to apply to thumbnails that have already been created before you changed this setting.

**Image margin size**

The transparent margin around each image. Measured in 'px'.

2

**Image title**

Option to display the image title over each image, either on hover only, all the time, or not at all. Image titles are formed using the image's filename, although the following is changed automatically:

- First character is forced to uppercase.
- Underscores are replaced with spaces.
- File extensions are removed.

You may choose to override these titles if you prefer, with the following option...

'Don't show image titles'

**Use image title as  
'alt' tag**

Use the image title as the 'alt' tag for the image thumbnail. Note that this is useful if you have descriptive titles for your images, but if they're just something like 'DSC00023.JPG', then it's less useful and you may want to turn this off.

Yes

You can override your image titles if your filenames aren't descriptive. See the next setting for details.

Overall this feature is good for SEO and accessibility, but only if you have descriptive image titles. More info on the SEO side of this is available here:

<https://support.google.com/webmasters/answer/114016> under the "Create great alt text" section.

**Get titles from  
labels.txt**

Option to get image titles from a text file you've created, instead of just using the file name. This option defaults to no, in case you've previously used another plugin that used the 'labels.txt' file, and used a different format. Refer to the [image titles](#) section of this guide for more information on how this works.

No

**Shadowbox**

Whether or not to include the bundled shadowbox. See the [shadowbox](#) section of this guide for more info. There's also an option to use the legacy shadowbox – this is the old shadowbox from before version 3.0. I don't think it's as good, but you might prefer it, so the options there. Note that if you've upgraded from a previous version, the plugin won't automatically switch to the new style shadowbox (you'll need to do this yourself from the settings).

'Use included shadowbox'

**Thumbnail  
background colour**

This background colour is only visible while the thumbnails are loading, but on pages with a lot of images, or for users with slow connections

#f2f2f2  
(very light grey)

	that can be a while. This colour is what will show while the images are loading.	
<b>Image title colour</b>	Colour of the image title text shown over the thumbnails (unless you've chosen not to show image titles).	#ffffff (white)
<b>Title text size</b>	Size of the image title text shown over the thumbnails (unless you've chosen not to show image titles).	14px
<b>Title text weight</b>	Weight (bold or normal) of the image title text shown over the thumbnails (unless you've chosen not to show image titles).	Bold
<b>Align title text</b>	Alignment (left, right or centre) of the image title text shown over the thumbnails (unless you've chosen not to show image titles).	Left
<b>Title text overflow</b>	What to do if the text is wider than the thumbnail.	Hidden
<b>Thumbnail corner radius (px)</b>	The radius of the corners of the image thumbnails. Measured in 'px'. Smaller numbers tend to work better, but you can go crazy and have really circular image thumbnails if you like.  0 gives 'square' corners.	0
<b>Thumbnail filter</b>	Apply a filter to the thumbnails. The filter will fade into full colour when the mouse is hovered over the thumbnail.  <b>NB: Not all browsers support this feature. See <a href="https://caniuse.com/#feat=css-filters">https://caniuse.com/#feat=css-filters</a> for up-to-date info.</b>	No filter
<b>Image titles</b>	Choose whether or not to show images in the shadowbox.  <b>NB: This setting only applies if you select the 'Use the built-in shadowbox' option.</b>	Show
<b>Overlay colour</b>	The colour used to cover the rest of the site when the shadowbox is opened. Note that the appearance of this colour will also be affected by the opacity setting.	#000000 (black)
<b>Overlay opacity</b>	Sets the opacity of the overlay. For a solid background, slide all the way to the right (1), or for an invisible overlay, slide all the way to the left (0).	0.85

As well as being able to change these settings on the plugin's admin page, you can also change some settings individually for each gallery. See the [inline settings](#) section of this guide for more info.

### Images in sub-folders

You can go as deep into the file directory as you want with this. For example, "{gallery}travel/flags/asia{/gallery}", would include all images from "yourjoomlasite.com/images/travel/flags/asia".

### Images stored somewhere other than Joomla's default image folder

If you prefer to keep your images somewhere other than the "images" folder, you can specify this in the plugin's admin page. Note that this setting will apply to all instances of the gallery.



## Supported file-types

The plugin works with image files with the following file extensions only: .jpg, .jpeg, .JPG, .JPEG, .png, .PNG, .gif, .GIF, .webp, .WEBP

## Thumbnail production

The plugin automatically creates thumbnails of your images the first time the gallery for that folder is loaded. These are placed in a folder inside the original image folder, called “rc\_thumbs”.

You may notice that there are quite a few thumbnails – 4 for each image. That’s because RC Justified Gallery makes use of the latest standards, and will automatically serve up the best image for the user’s browser / display density. WebP images are delivered for browsers that support the format, because webp files are ~30% smaller than a jpeg of the same quality. Higher resolution thumbnails are delivered on higher density displays (4k or ‘Retina’ displays, for example).

Basically, these thumbnails are all about delivering the best possible images, at the fastest possible speed to your sites visitors.

## Thumbnail resolution

The resolution of the thumbnails is decided by the “Target Row Height” setting. The thumbnails will be saved with double the height of this setting. This ensures the page loads fast, while keeping enough resolution to fill the thumbnails at varying heights without looking pixelated. Note that if you change the “Target Row height” the thumbnails won’t be automatically recreated. You’ll need to do this yourself, as described below.

## Refresh thumbnails

There are some circumstances under which you may want to recreate thumbnails. For example, if you change the thumbnail quality setting (added in v1.2.X) or the target row height, or if you’ve edited some of your images.

If you want to recreate the thumbnails, just delete the existing ones using your FTP client, or Joomla’s media manager. The plugin will then automatically make them again the next time the gallery is loaded.

## Inline settings

You may prefer some of your galleries to have different settings to others. In this case, some settings can be overridden when you add the gallery to an article. The easiest way to do this, is by using the [editor button add-on](#), which provides options for overriding each setting, each time you add a gallery.

## ADVANCED: Inline settings – manual method

If you prefer not to use the editor button, you can override settings manually for each gallery, by including attributes in your opening {gallery} tag, similarly to how you would when writing html. As an example, if you wanted to override the ‘Image Margin Size’ to 5px, you would write the following:

```
{gallery image-margin-size="5"}myfolder{/gallery}
```

This would give you a gallery with 5px margins around your images. All other settings would be as per your settings in the plugin’s admin page. If you mistype the name of a setting or if you provide a setting value that isn’t valid for that setting, it will be ignored, and the setting you’ve chosen in the plugin’s admin page will be used instead.

The below table provides a reference on which settings can be overridden, what mark-up to use, and what values are allowed for each setting. For info on what each of these settings does, refer back to the [settings](#) section of this guide.

Setting	Attribute name	Accepted values
Root Image Folder	root-image-folder	Text. Must be a valid file path. For this setting, an invalid file path will be allowed, but you’ll see an error when the gallery is loaded. Be careful when overriding this setting.

Target Row Height	<code>target-row-height</code>	This must be a number. Decimals are allowed if desired (e.g. 120.5).
Thumbnail Quality (0 – 100)	<i>[Not allowed]</i>	It's not possible to override this setting inline. This prevents conflicts if you include the same folder of images on multiple pages.
Image Margin Size	<code>image-margin-size</code>	This must be a number. Decimals are allowed if desired (e.g. 1.5).
Image Title	<code>image-title-option</code>	There are three options for this setting. 0, 1 or 2. Here's that they do: <ul style="list-style-type: none"> <li>0. Don't show image titles.</li> <li>1. Show image titles only when cursor hovers over the image.</li> <li>2. Show image titles all the time.</li> </ul>
Use image title as 'alt' tag	<code>use-title-as-alt</code>	There are two options for this setting. 0 or 1. Here's what they do: <ul style="list-style-type: none"> <li>0. No – don't put 'alt' tags on the images.</li> <li>1. Yes – use image titles for alt tags</li> </ul>
Get titles from labels.txt	<code>use-labels-file</code>	There are two options for this setting. 0 or 1. Here's what they do: <ul style="list-style-type: none"> <li>0. No – don't use the labels file (even if it exists).</li> <li>2. Yes – use the labels file (if it exists).</li> </ul>
Shadowbox	<code>use-shadowbox</code>	There are three options for this setting. 0, 1, 2 or 3. Here's what they do: <ul style="list-style-type: none"> <li>0. Use the legacy shadowbox (from before version 3.0 – you might prefer it, but I don't think it's as good).</li> <li>1. Use another shadowbox.</li> <li>2. No shadowbox.</li> <li>3. Use the awesome new shadowbox.</li> </ul> <p><b>NB: You should never include two galleries on the same page with different shadowbox options – the result is that you'll end up opening both!</b></p>
Sort images by	<code>sort-type</code>	There are three options for this setting. 0, 1 or 2. Here's what they do: <ul style="list-style-type: none"> <li>0. File name</li> <li>1. Date</li> </ul>
Sort direction	<code>sort-desc</code>	There are two options for this setting. 0 or 1. Here's what they do: <ul style="list-style-type: none"> <li>0. (false) Ascending</li> <li>1. (true) Descending</li> </ul>
Thumbnail filter	<code>thumbnail-filter</code>	There are three options for this setting. 0, 1 or 2. Here's what they do: <ul style="list-style-type: none"> <li>0. No filter</li> <li>1. Sepia</li> <li>2. Greyscale (black and white)</li> </ul>
Title text overflow	<code>title-text-overflow</code>	There are two options for this setting. 'hidden' or 'auto'

<b>Thumbnail background colour</b>	<code>thumb-bg-colour</code>	Any acceptable CSS colour (usually hex, RGB or RGBA).
<b>Title text colour</b>	<code>title-text-colour</code>	Any acceptable CSS colour (usually hex, RGB or RGBA).
<b>Title text size</b>	<code>title-text-size</code>	This must be a number. Decimals are allowed if desired (e.g. 1.5).
<b>Align title text</b>	<code>title-text-align</code>	There are three options for this setting. 'left', 'center' or 'right'.
<b>Title text weight</b>	<code>title-text-weight</code>	There are two options for this setting. 'bold' or 'normal'.
<b>Shadowbox overlay colour</b>	<code>overlay-colour</code>	Any acceptable CSS colour (usually hex, RGB or RGBA).
<b>Shadowbox overlay opacity</b>	<code>overlay-opacity</code>	This must be a number from 0 to 1. Do not include a '%' icon, or any other kind of unit.
<b>Shadowbox Image Titles</b>	<code>shadowbox-title-option</code>	There are two options for this setting. 0 or 1. Here's what they do: <ol style="list-style-type: none"> <li>0. Show</li> <li>1. Hide</li> </ol>

### ADVANCED: Image titles, and 'labels.txt'

The following is an advanced feature, which will take a little time to set up.

If you like having titles showing over your image thumbnails, but would prefer not to use the image's file names, you can specify your own titles. To do this, follow these steps:

- In the plugin's admin page (**Extensions > Plugins > RC Justified Gallery**), enable the setting '**Get titles from labels.txt**' option, and choose how you'd like image titles to be displayed.
- Create a new text file, and place it in the folder with your images. This file should be called '**labels.txt**'.
- For each image in the folder, you should enter one row of text.
- On each row, you must first specify the file name, then the image title, separating them with a '|' (a vertical bar, or 'pipe').

This is better explained through an example. Let's say on my server I have a folder called 'flags', with the following file contents:



My text file would need to be saved into that same folder, and would contain the following:

```
malaysia.jpg|The Malaysian Flag
russia.jpg|The Russian Flag
```

The result of this would be as follows:



Some points to note when using this feature:

- Some other gallery extensions you may have used also use a 'labels.txt' file, and this file's structure won't always be the same from one extension to the next. However, most start with the file name followed by the image, which means that they will work with this plugin. Any files that are not in the correct format will essentially be ignored. Any other fields entered after the first two will also be ignored.
- Although I have in the example above, you don't have to specify the files in any particular order. Nor does the order you specify them in, have any impact on the order they're displayed in.
- Files not specified in the 'labels.txt' file will still be included, but will be assigned a title based on their file name.
- You can include html tags in your image titles e.g:

`Imagefile.jpg|<em>Learn more</em>`

Would give you an emphasised title. The result of this will depend on the CSS in your template. Be careful using html in your titles though, as it can make a mess of things if you go too far.

## Shadowbox

### Use the included shadowbox

The shadowbox is enabled by default, and allows you to click on the images in your gallery, to open them in a pop-up box.

### Use the included shadowbox with content outside of the galleries

The included shadowbox can be used for content outside of your gallery if you wish. To do this, create a link to the image you want to show in the shadowbox, and include `rel="shadowbox"`. For example, the below markup would open `myimage.jpg` in the shadowbox:

```
<a href="myimage.jpg" rel="shadowbox[rc_gallery]">Open the image in a shadowbox.</a>
```

Note that this will only work on pages where you've also included a gallery.

### Use an alternative shadowbox

There's loads of choice out there for shadowboxes, and so you may prefer to use a different one. If that's the case, select the option "Use another shadowbox" from the plugin's admin page. The result is that the thumbnails will include a link to the original image, with `rel="shadowbox[rc_gallery]"` included, but the plugin's shadowbox won't be loaded. This will mean they'll open with whichever other shadowbox you have installed and enabled.

## Don't use a shadowbox at all

If you prefer to just have the images thumbnails show in the justified gallery, and not be clickable (i.e. you won't be able to open the full images), select "No shadowbox" from the plugin's admin page.

# Social Add-on

## Introduction

The social add-on puts social share icons in the corner of the shadowbox, enabling your visitors to quickly share your page to social networks.

## Get the Add-On

The social add-on is available here: <http://therichcourt.com/joomla/gallery-social-addon>

## Install the Social Add-on

You can install the add-on in the same way you would install any other Joomla extension. Once installed, it self enables and so all available share icons will be shown.

Note that **you must have the latest version of RC Justified Gallery plugin installed AND be using the default shadowbox** (note that if you have upgraded from an old version of RC Justified Gallery, you may still be using the old default shadowbox and not realise it. You can change this from the settings). If you don't meet the above criteria, this add-on will install fine, but it won't run. A notice will appear in the JavaScript console to remind you of this.

## Social Add-on Settings

Settings for the social add-on are extremely simple. Just choose the buttons you want to display, and what order they should show in.

## A Note About Images

Please note that the add-on is built not to use the various social APIs, which *can* bog down your site and make it run slow. Instead, they use the share URLs for each social network, keeping the page light and fast. The downside to this is that it doesn't allow specifying which 'preview image' the social networks will use. They pick the image, and it may not be the image your user was looking at when they decided to share the page. However, the important thing is that the URL is correct, and they end up on your site, looking at the right picture!

# Module Add-on

## Introduction

The module add-on allows you to quickly place galleries inside module positions on your site.

## Get the Add-On

The module add-on is available here: <http://therichcourt.com/joomla/gallery-module>

## Install the Module Add-on

You can install the add-on in the same way you would install any other Joomla extension. Once installed, it self enables and you're ready to start creating gallery modules. That's it, there's not really anything else to say about this one – it just works.

# Licence

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