

Joes Recipe Component User Manual

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v0.3 beta

Joes Recipe Component - User Manual

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Preamble



The content of this document is related to Joes Recipe Component.

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The Software 'Joes Recipe Component' is intended for use in Joomla! CMS versions 1.6.0 or greater.

(Joomla! and Mambo is free Software, licensed under GNU/GPL; Joomla! is available from www.joomla.org [<http://www.joomla.org>])

Introduction

What is Joes Recipe Component?

About

Joes Recipe Component is a Recipe Manager for storing online recipes. It's a Component (=plugin) for a Content Management System called Joomla! and can't be used without Joomla!. It installs via the automatic Component and Module installer within the administrators panel of Joomla.

Features

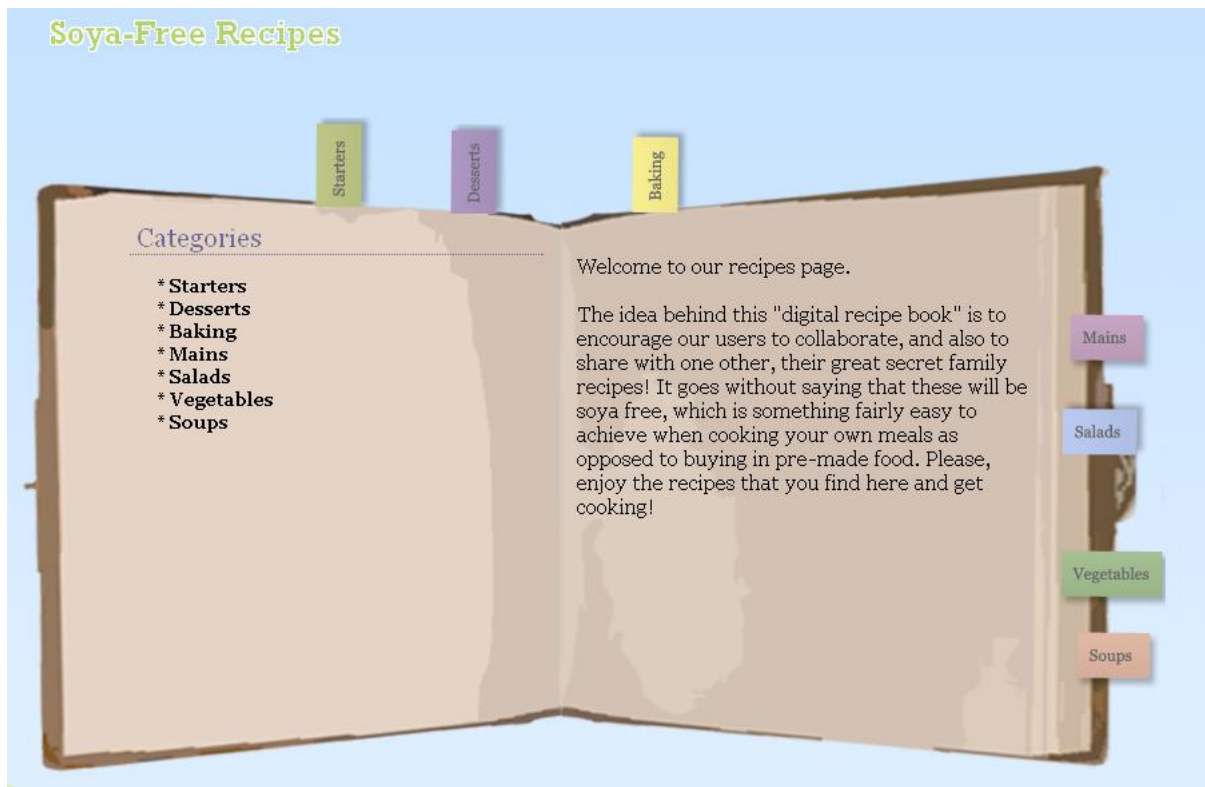
- Display a recipe book background image
- Customise the stylesheet as a separate file to the template
- Modify recipes in the Joomla! Admin Panel
- Related recipes are recipes in the same category
- Predefined tabs to auto select categories

What does it not do?

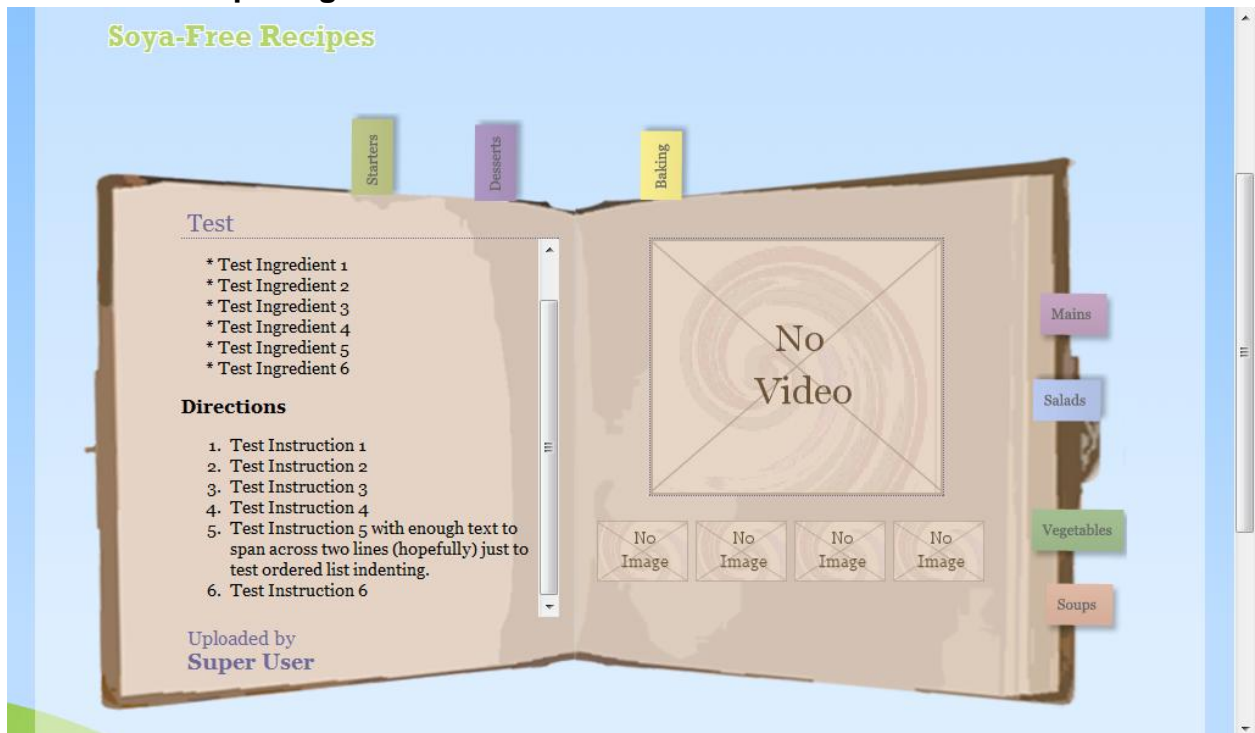
- This component will not work "out-of-the-box" as you need to setup 7 predefined categories (see installation).
- This component does not currently allow user upload though the front-end interface but the code is there to allow it at some point in an upgrade.
- This component has not been tested in all possible environments and may not work within your setup.
- This component is still in beta as not all functionality and possible permutations of input have been tested.
- You will need to allocate at least a couple of days to integrate the component seamlessly into your template.

Screenshots


Frontend: Landing Page



Frontend: Recipe Page







Backend: Recipes

Administration 








Site Users Menus Content Components Extensions Help

None Logged-in frontend 1 Logged-in backend No messages View Site Log out

Joese Recipe Manager    


Recipes Categories

Filter: Search Clear - Select Status - - Select Category -

ID	<input type="checkbox"/>	Title	Published	Category
4	<input type="checkbox"/>	Test		Starters
7	<input type="checkbox"/>	Test1		Starters
8	<input type="checkbox"/>	Test2		Starters
5	<input type="checkbox"/>	TestA		Desserts
6	<input type="checkbox"/>	TestB		Vegetables
9	<input type="checkbox"/>	Testing_underscores		Starters
3	<input type="checkbox"/>	Turkey		Mains











Display # 20

Backend: Categories

Administration 













Site Users Menus Content Components Extensions Help

None Logged-in frontend 1 Logged-in backend No messages View Site Log out

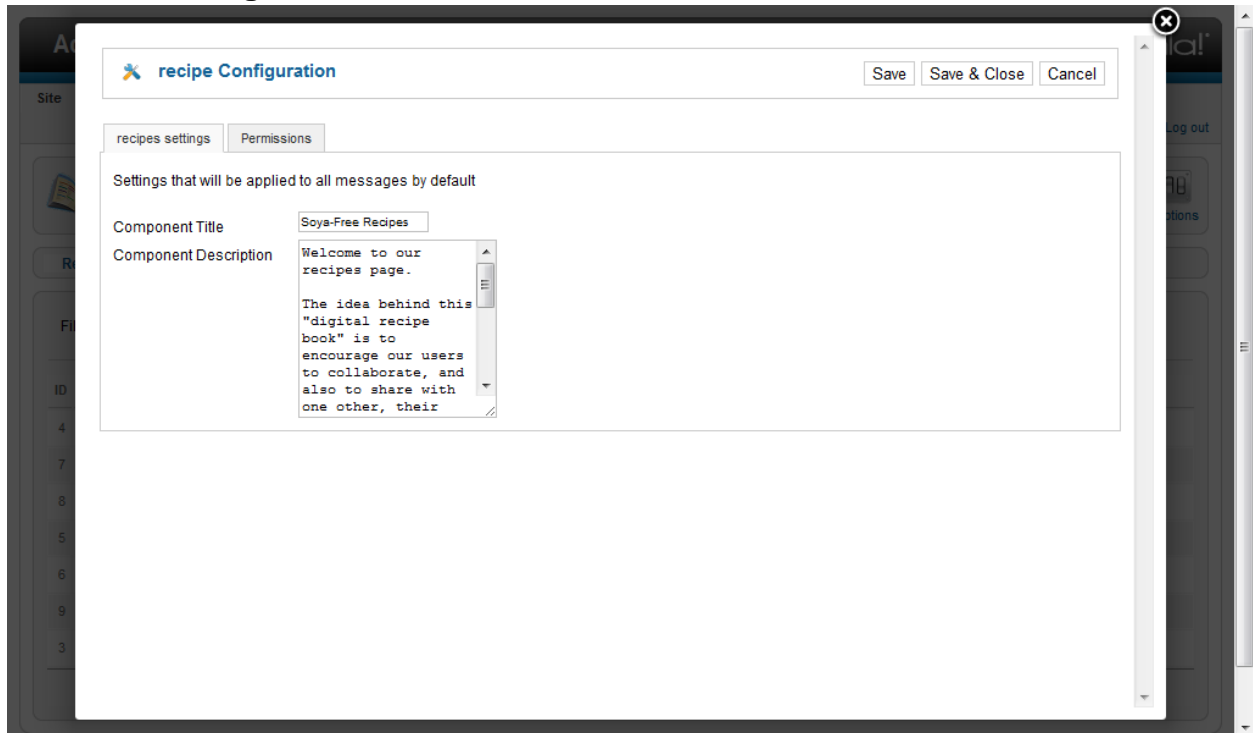
Category Manager: Joese Recipe Component          

Recipes Categories

Filter: Search Clear - Select Max Levels - - Select Status - - Select Access - - Select Language -

<input type="checkbox"/>	Title	Status	Ordering	Access	Language	ID
<input type="checkbox"/>	Starters (Alias: starters)		 1	Public	All	12
<input type="checkbox"/>	Desserts (Alias: desserts)		 2	Public	All	13
<input type="checkbox"/>	Baking (Alias: baking)		 3	Public	All	14
<input type="checkbox"/>	Mains (Alias: mains)		 4	Public	All	15
<input type="checkbox"/>	Salads (Alias: salads)		 5	Public	All	16
<input type="checkbox"/>	Vegetables (Alias: vegetables)		 6	Public	All	17

Backend: Configuration



Installation

Joomla! CMS v1.6.x Installation

Joomla! CMS must be installed prior to the Installation of Joes Recipe Component, because Joes Recipe Component needs a CMS as a runtime environment.

The Joomla! CMS Installation is not part of this Manual, because it is subject to change and would have to cover a series of Tutorials for all different types of Joomla! CMS.

You can check the system requirements of Joomla by browsing to <http://www.joomla.org/technical-requirements.html>

You can view how to install by browsing to http://docs.joomla.org/How_to_install_Joomla_1.6 (at time of print – not properly documented so follow previous version: Joomla! 1.5 Installation Manual at <http://help.joomla.org/content/category/48/268/302/>)

Joes Recipe Component Installation

System Requirements

- Functioning Joomla 1.6.x environment
- Support for PHP v5+, MySQL v5+, CSS v2+, XHTML 1.0, JavaScript 1.2+

Client Requirements

- Joes Recipe Component has been tested to work on MS Internet Explorer v7+, Apple Safari v5+, Google Chrome v10+, Mozilla Firefox v3.5+
- Screen resolution must be at least 1024x768 pixels minimum.

Running in the background

- 2 additional SQL queries on a category page.
- 3 additional SQL queries on a recipe page.
- Decompressed total file size: 233,191 bytes (227Kb)
- Estimated Overhead Download Times (on top of default Joomla! CMS):
 - Dial-up: 1 min 4 sec
 - DSL: 3 sec
 - Wireless/Satellite: 3 sec
 - T1/T3: 1 sec

How to Install

1. Download this component file at www.joellipman.com/downloads
2. Login to your Joomla! admin panel (eg. www.yoursite.com/administrator)
3. Go to **Extensions > Extension Manager**
4. Check the **Install** tab is selected (page displaying)
5. Under *“Upload Package File”*, click on the button and select the component file you downloaded in step 1.
6. Now setup the categories by going to **“Components” > “recipes”**
 - a. Click on **“Categories”** (so the *Category Manager: Joes Recipe Component* page is displaying)
 - b. Click on the **“New”** button
 - c. In the *“Title”* field, type **“Starters”** (without the double-quotes and case-matching!) and click on the **“Save & New”** button.
 - d. In the *“Title”* field, type **“Desserts”** (without the double-quotes and case-matching!) and click on **“Save & New”**
 - e. In the *“Title”* field, type **“Baking”** (without the double-quotes and case-matching!) and click on **“Save & New”**
 - f. In the *“Title”* field, type **“Mains”** (without the double-quotes and case-matching!) and click on **“Save & New”**
 - g. In the *“Title”* field, type **“Salads”** (without the double-quotes and case-matching!) and click on **“Save & New”**
 - h. In the *“Title”* field, type **“Vegetables”** (without the double-quotes and case-matching!) and click on **“Save & New”**

- i. In the “*Title*” field, type “**Soups**” (without the double-quotes and case-matching!) and click on “**Save & Close**”
7. Click on the “**Options**” button (top-right) and
 - a. set the “**Component Title**”
 - This is the text that will be displayed on the top left of the page not on the recipe book
 - This can only be text (no HTML)
 - b. Set the “**Component Description**”
 - This is the text that will be displayed on the right page of the categories page of recipes.
 - This can only be text (no HTML)
 - To force a paragraph break, type two carriage returns (enter 2x), the system will replace new lines with HTML line breaks.
 - **Save & Close** this when done.
8. Installed and ready to use!

Administrator Tutorial

This tutorial covers managing the component from within the Joomla! administrators panel. It assumes that you have already installed and configured your site (Joes Recipe Component v0.3 with Joomla! CMS v1.6.x).

The backend administrator’s panel is currently where you need to be to manage all the recipes. We plan to release a version for front-end user editing as soon as testing is complete.

The following instructions assume that you are already logged into your Joomla! admin panel.

Getting Started

Install the component as per the instructions above (see “How to install”)

We’ve included some test recipes, associate some of these to categories so you will be able to test what the end result will be.

To associate a recipe to a category:

1. Go to **Components > recipes**
2. Click on the *name of the recipe* to modify
3. Select a category from the dropdown list in the “**Category**” field

Modifying the main component title on each page

To change/add the title that is positioned off the recipe book at the top left.

1. Go to **Components > recipes**
2. Click on the **“Options”** button in the top-right of the interface
3. Under the **“recipes settings”** tab, change the text in the **“Component Title”** field
4. Click on **“Save & Close”** when done.

Modifying the description on the right page of the recipe book

To change/add the text that will go on the right page of the recipe book’s categories page

5. Go to **Components > recipes**
6. Click on the **“Options”** button in the top-right of the interface
7. Under the **“recipes settings”** tab, change the text in the **“Component Description”** field
8. Click on **“Save & Close”** when done.

Modifying the tabs

By **“Tabs”**, we mean the multi-colored paper slips sticking out of the top and right of the recipe book. These are like a separate navigation menu of quicklinks to specific categories. These are currently hardcoded to the following 7 categories (in clock-wise order): **“Starters”**, **“Desserts”**, **“Baking”**, **“Mains”**, **“Salads”**, **“Vegetables”**, **“Soups”**.

To customize these, you’ll need to do a few core hacks:

- **Change the images used:** The images for these tabs work as background images (a transparent gif image put on top is what you’re clicking on) located in `“\media\joesrecipecomponent\images*”` (after install). Respectively, these are: **“Starters.png”**, **“Desserts.png”**, **“Baking.png”**, **“Mains.png”**, **“Salads.png”**, **“Vegetables.png”**, **“Soups.png”**.
- **Change the stylesheet references:** The images are referenced as background images from tabs 1 to 7 in the CSS file. Please maintain the same image sizes or you’ll need to tweak the accompanying CSS stylesheet `“\components\com_joesrecipecomponent\css\stylesheet.css”` to make everything fit on top of the recipe book background.
- **Change the references in the front-end PHP files:** If you’ve renamed these categories, you’ll need to update line 88 in the `“default.php”` file located in `“\components\com_joesrecipecomponent\views\categories\tmpl\default.php”`, `“\components\com_joesrecipecomponent\views\category\tmpl\default.php”`, `“\components\com_joesrecipecomponent\views\recipe\tmpl\default.php”`, `“\components\com_joesrecipecomponent\views\recipes\tmpl\default.php”`. Change the array values bearing in mind this is CASE-SENSITIVE and must be spelt **exactly** the same way the name of your new category is spelt:

```
Line 88: $db_name_array=array("Starters", "Desserts", "Baking",  
"Mains", "Salads", "Vegetables", "Soups");
```

For Example: If replacing the “Starters” tab with “anotherCategory1”, modify the “Starters.png” image, the reference to the “Starters.png” image in the CSS file, and the line in the PHP file:

```
// would yield
$db_name_array=array("anotherCategory1", "Desserts", "Baking", "Mains",
"Salads", "Vegetables", "Soups");
```

The two arrays below it are the image size widths and heights (eg. “Starters” has a width of 51pixels and height of 67pixels), you will need to modify these if the dimensions of your images have changed:

```
$db_imgsize_width=array(51, 51, 51, 68, 79, 96, 68);
$db_imgsize_height=array(67, 67, 71, 51, 51, 51, 51);
```

The component will automatically scan the categories list which refer to it and match each tab to the first (& published) entry matching the category name (reminder: CASE-SENSITIVE). So if you have two categories called “anotherCategory1” both using this component, the system will only take the first. Unpublish the ones you don’t need.

Adding a recipe

1. Go to **Components > recipes**
2. Click on the “**New**” button (top-right)
3. In the field “**Recipe**”, type the recipe title (this is limited to 255 characters and should preferably be only comprised of letters and numbers and spaces).
4. Leave the “**Alias**” field blank (should auto-populate on save): this is used for friendly URLs so it’s good to keep an eye on these.
5. The “**Description**” field is not currently in use (so you can leave this empty as well) but can be called on in the core scripts.
6. The “**Image URL**” needs to be the relative or absolute URL of a main image for the recipe. This image is also used instead of the video, if there is no video feed specified.
7. The “**Video URL**” currently needs to a youtube URL (copy & paste the full URL of a youtube video)
8. “**Category**” must be specified in order for the recipe to be accessible from the front-end.
9. “**Ingredients**” should be a list delimited by new lines (so when you press the ENTER key at the end of a line, this signals the beginning of a new line and another ingredient). This is so that the system can automatically put items in a HTML unordered list. If this field contains the HTML string “<li”, then there will be no formatting and whatever you type in the textarea will display in the front-end.
10. “**Recipe Instructions**” is now called “**Directions**” in the front-end. Again each instruction should be separated by a new line (so when you press the ENTER key at the end of a

line, this signals the beginning of a new line and a new instruction). This is so that the system can automatically put items in a HTML ordered list. Again if this field contains the HTML string “<li”, then there will be no formatting and whatever you type in the textarea will display in the front-end.

Adding a category

Well you already did some of these hopefully during the installation of the component.

1. Go to **Components > Recipes**
2. Click on the “**Categories**” tab
3. Click on the “**New**” button (top-right)
4. Fill out the form as necessary, the only mandatory field is the **title** of the category.

How to link from a menu item

‘A website page’ in Joomla is defined by a menu item. Each menu item leads to a page (obvious I know but slightly different to HTML). This component includes 4 different types of pages: “List of categories”, “A category”, “Recipe”, and “List of recipes”. These are described as follows:

List of categories

This is the default and intended landing page of the recipes component. It lists all published/enabled categories relating to this component on the left side of the recipe book and displays the description (specified in the “Options” of the component) on the right side of the book. Clicking on a category will take to the category page.

A category

The category page lists all published/enabled recipes associated to that category. Clicking on a recipe name will take you to the recipe page.

Recipe

The recipe page will display a single recipe. The recipe page includes:

- the title of the recipe (top-left): not included in left page content scrolling
- the ingredients of the recipe (inner-top-left): included in the left page content scrolling
- the directions of the recipe (inner-bottom-left): included in the left page content scrolling
- the name of who uploaded it (bottom-left): not included in left page content scrolling
- the video feed (or image if no video – top-right)
- the related recipes section (bottom-right): lists up to 4 recipes from the same category with the most recently added first.

List of recipes

Lists all published recipes irrespective of what category they are in. Supports pagination which might be odd in a scroll but it will be useful when you have 100 recipes.

Files

There are roughly 100 files and 35 folders in the downloadable component compressed file (ZIP). Aside from the standard Joomla! component files I thought I'd list the most useful ones that you might want to change:

Front-end Pages

Categories page

And the main landing page to display all published categories:

```
\components\com_joesrecipecomponent\views\categories\tmpl\default.php
```

Category page

The PHP file generating the HTML is the following file:

```
\components\com_joesrecipecomponent\views\category\tmpl\default.php
```

Recipe page

The PHP file generating the HTML is the following file:

```
\components\com_joesrecipecomponent\views\recipe\tmpl\default.php
```

The database query used to obtain all the data pertaining to a recipe are found in the model:

```
\components\com_joesrecipecomponent\models\recipe.php
```

Recipes page

The PHP file generating the HTML is the following file:

```
\components\com_joesrecipecomponent\views\recipes\tmpl\default.php
```

CSS Stylesheet

The CSS file used to display the recipe component is the following file:

```
\components\com_joesrecipecomponent\css\recipestyle.css
```

Images

All images used by the component (and included in the default installation) are located in:

```
\media\joesrecipecomponent\images\*
```

After Installation

Administrator Section: `\administrator\components\com_joesrecipecomponent*`

Frontend Section: `\components\com_joesrecipecomponent*`

Images used: `\media\joesrecipecomponent\images*`

Development

To-Do List

1. Make background image and style configurable via the admin panel
2. Complete front-end user interface for user uploads
3. Can this be renamed to “Recipe Manager”?

Changelog

Version 0.3

1. Added admin parameter “Component Title”
2. Renamed CSS references from “joesrecipecomponent” to “jrc”
3. Category name-matching feature (was unstable without this)

Version 0.2

1. First stable release!
2. Added admin parameter “Component Description”
3. Video, Image feed with feature to use image if no video available
4. Buttons linked to categories on top and right of recipe book background

Version 0.1

1. Hello World Component generated
2. Renaming to unique name “Joes Recipe Component”

Support

Support is limited as this component is provided as is without warranty and without charge. You are free to modify this component under the GNU/GPL terms and conditions.

Component Website: www.joellipman.com

More on Joomla

Joomla CMS website: <http://www.joomla.org>

Joomla Wiki Documentation: <http://docs.joomla.org>

Joomla Forums: <http://forums.joomla.org>