

# ZOOM Media Gallery – QuickStart Guide

Get zOOM Media Gallery up and running in 10 easy steps!

## Introduction

You probably just downloaded a copy of zOOM Media Gallery and this manual for this one, simple purpose: get it installed and working properly!

Well then, I guess I'll help you on your way – as the creator of zOOM – by giving you ten easy to follow steps which will guide you all the way from a Mambo installation WITHOUT zOOM Media Gallery installed to one with zOOM fully functional and your first gallery.

In this guide I will try to clarify each step with a number of screen shots. These are taken from a clean Mambo installation (version 4.5.2) with FCKEditor 2.0 RC2 installed as HTML editor and zOOM Media Gallery 2.5 Beta 3.

Get the latest versions/ downloads at <http://www.zoomfactory.org>

## 1. Login

Open your web browser and go to the back end of the Mambo installation you want zOOM installed on: `http://{yoursite.com}/administrator`

You will see this screen. Fill in your credentials and press the login button.

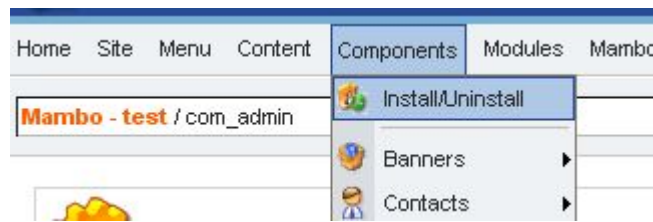


*Illustration 1: Mambo login screen*

## 2. Installation

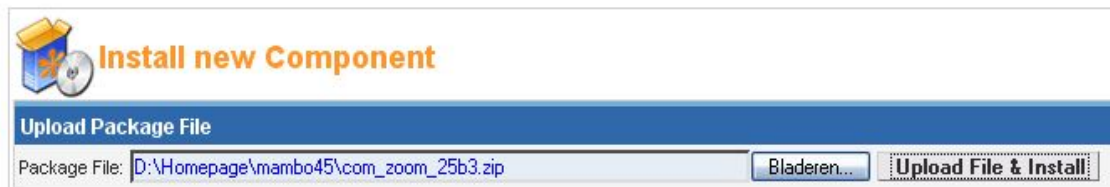
Then, click 'Components --> Install/Uninstall' in the main menu. (See illustration 2.)

After this a new screen appears which lists the currently installed components and gives you the options to install and/ or deinstall a component. You'll notice that zOOM isn't on the list yet, but it will be soon!



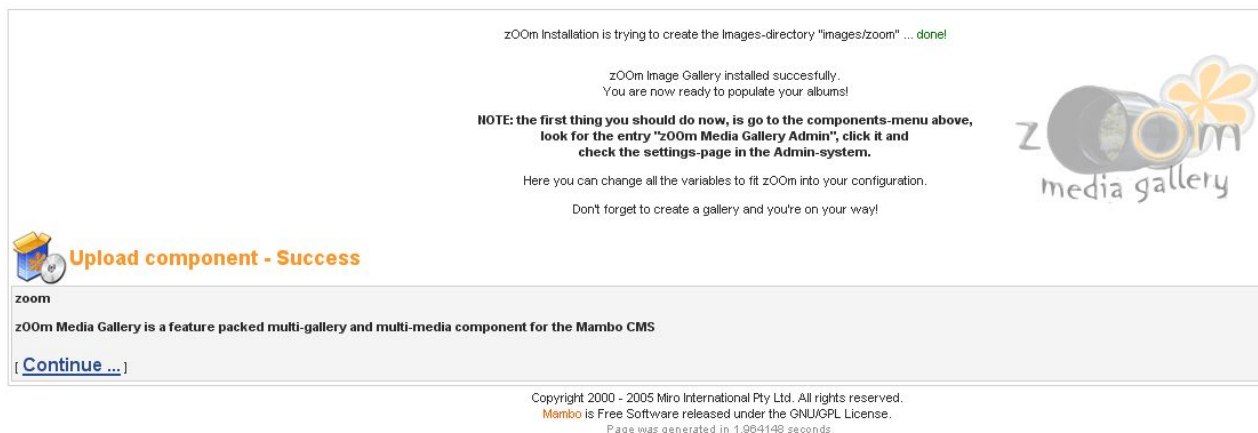
*Illustration 2: Components menu*

Now click the button 'Browse...' to select the package to upload. The screenshot shows me selecting the package 'com\_zoom\_25b3.zip', but it can be any file of course as long as it contains the file 'zoom.xml' with the installation instructions.



*Illustration 3: Package selection*

The only thing you have left to do is clicking the 'Upload File & Install' button and the package will be uploaded, unpacked, database entries will be made and the '{mamboroot}/images/zoom' directory will be created. If all went well, you will see some variation of the following screen shot:



*Illustration 4: Installation completed*

### 3. Change basic settings

You just successfully installed zOOM Media Gallery, so you should be able to see a listing of the new component in the 'Installed Components' list. (See Illustration 5.)

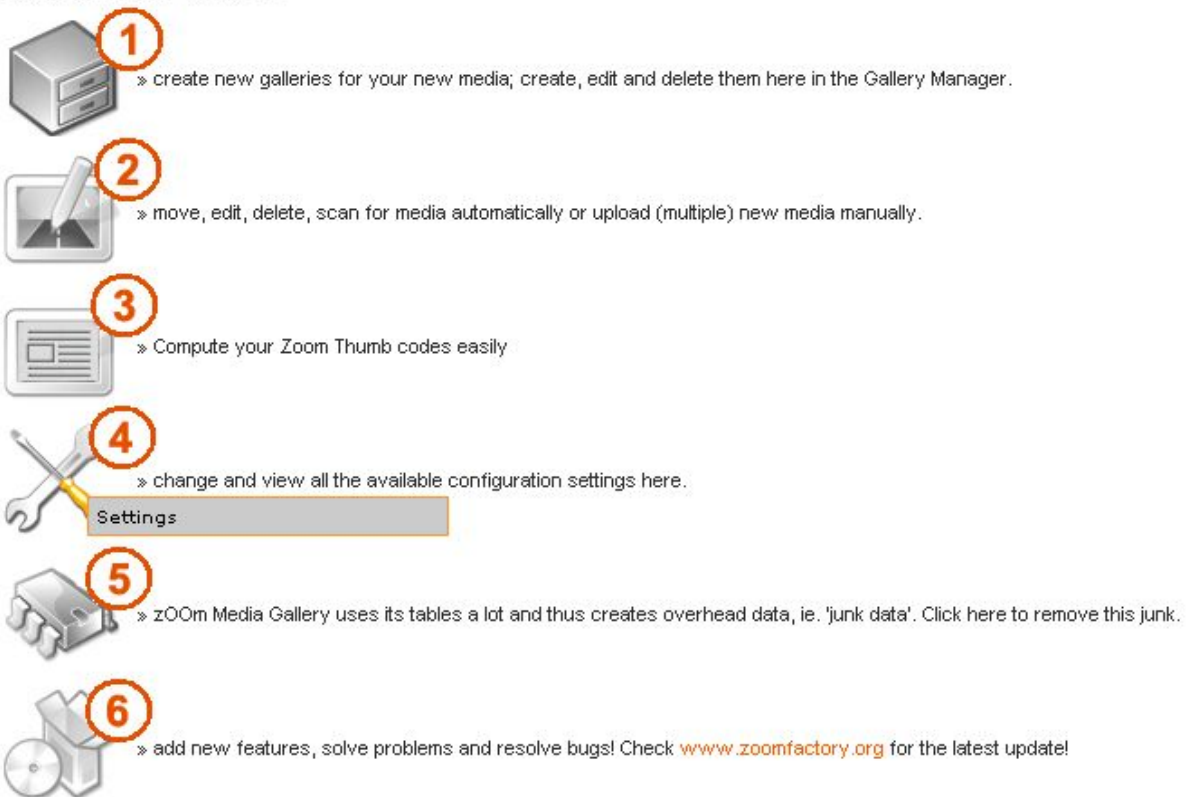
Before zOOM Media Gallery is able to function properly, it needs to be configured correctly and before you start uploading your media to it!

Click from the main menu on 'Components --> zOOM Media Gallery' and the following screen will appear:



*Illustration 5: Detail of Installed Components list*

#### Media Gallery Admin System



*Illustration 6: Admin screen overview*

- 1 Gallery Manager
- 2 Media Manager
- 3 zOOM Thumb mosBot helper
- 4 Settings

5

Optimize tables

6

Update zOOM Media Gallery

This being said, the first thing you should do is click on **4** and change the basic settings that are needed for zOOM Media Gallery to work.

These settings are: gallery title, basic display settings, the path to where your media are going to be stored, define the software you want to use for creating thumbnails, set (maximum) sizes of resized images, ordering of galleries and media and the features - that zOOM Media Gallery offers - you want to use on your website.

**i**: Before you can change any settings, make sure that the files to where the configuration is stored in are writable! These files are located in {mamboroot}/components/com\_zoom/etc. On a linux box, please set the permissions (CHMOD) to 777 or 'Writable' on a Windows NT system.

- **Gallery Title**



*Illustration 7: Settings screen overview*

In the first field you can set the title of your gallery (currently set to 'zOOM Gallery'). Change it to whatever you like, e.g. 'John family pictures'.

- **No. of (sub)gallery columns**

Second, the number of galleries and sub-level galleries that will be displayed on one row can be set. A value of '2' means a maximum of two galleries next to each other.

- **No. of thumbnail columns**

Third, the number of thumbnails that will be displayed on one row can be set. A value of '3' means a maximum of two thumbnails next to each other.

- **Thumbs per page**

Fourth, the number of thumbnail that will be displayed on one page can be set. A value of '9' means a maximum of nine thumbnails on one page. If

there are more than the maximum number of thumbnails in a gallery, multiple pages will be created, for easy navigation.

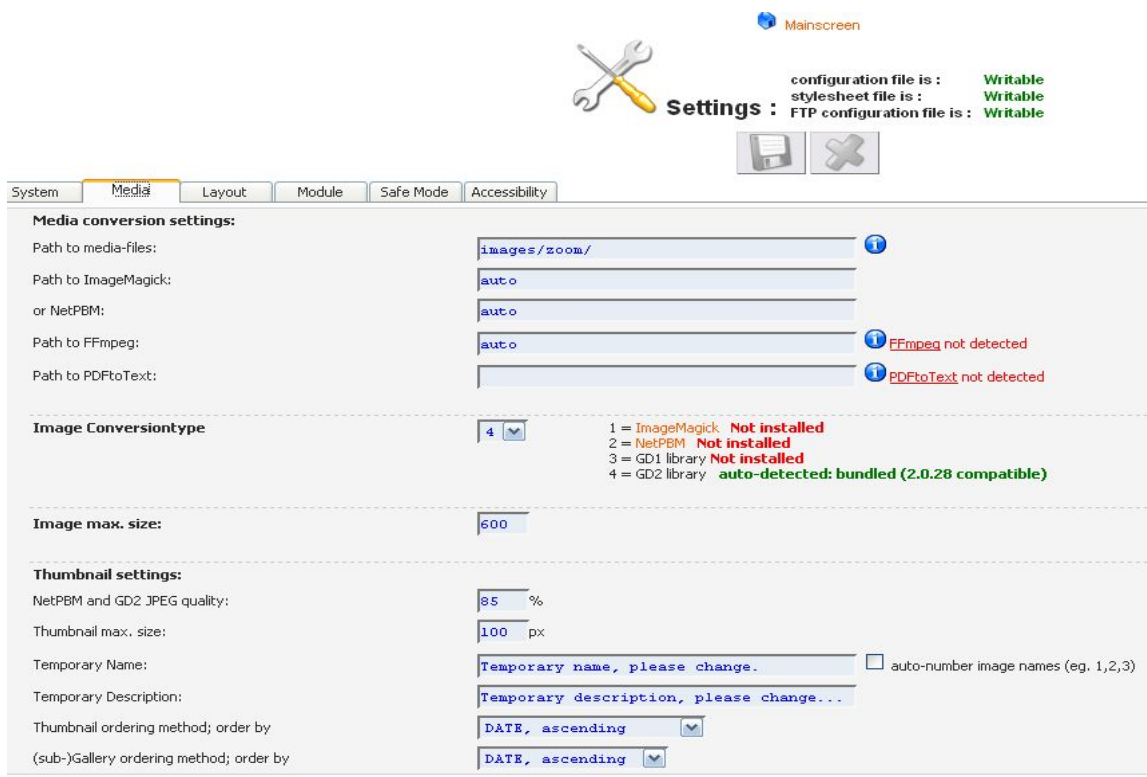
- **Comments length**

Fifth, the number of characters a comment may consist of can be set. *This requires the Comment feature to be ON.* A value of '200' means a maximum of two hundred characters per comment, which a user may enter.

- **Gallery-title prefix**

Sixth, the prefix of a gallery in the gallery overview can be set. A value of '::' means that these characters will be put in front of the gallery name. This can be used to distinguish gallery titles better from the description, if this suits your Mambo template better. The default value is set to '' (i.e. Nothing!).

Now it's about time to set the environmental variables at the 'Media'-tab:



**Settings :** configuration file is : Writable  
stylesheet file is : Writable  
FTP configuration file is : Writable

System **Media** Layout Module Safe Mode Accessibility

**Media conversion settings:**

Path to media-files: images/zoom/ ⓘ

Path to ImageMagick: auto

or NetPBM: auto

Path to Ffmpeg: auto ⓘ Ffmpeg not detected

Path to PDFtoText: ⓘ PDFtoText not detected

**Image Conversion type** 4 ⓘ

1 = ImageMagick **Not installed**  
2 = NetPBM **Not installed**  
3 = GD1 library **Not installed**  
4 = GD2 library **auto-detected: bundled (2.0.28 compatible)**

**Image max. size:** 600

**Thumbnail settings:**

NetPBM and GD2 JPEG quality: 85 %

Thumbnail max. size: 100 px

Temporary Name: Temporary name, please change. ☐ auto-number image names (eg. 1,2,3)

Temporary Description: Temporary description, please change...

Thumbnail ordering method; order by: DATE, ascending ⓘ

(sub-)Gallery ordering method; order by: DATE, ascending ⓘ

Illustration 8: Media settings overview

- **Path to media-files**

This path refers to the location where you (wish to) store your media. The default path – 'images/zoom' is set-up by the zOOM Installer, but you can set a different path on your server just the same.

⚠ The path is *relative* to the Mambo root directory!

- **Paths to ImageMagick, NetPBM, Ffmpeg and Pdftotext (Xpdf)**

These paths refer to the *absolute* locations of each library. What each library does and is used for by zOOM can be read in Appendix A.


If the auto-detection system couldn't detect the library on your system, it probably hasn't been installed yet, or its path isn't in the global PATH



variable of your operating system. In this case, set it manually.

- **Image Conversiontype**  
Choose the library which you want zOOM to use when it's manipulating your images. The available libraries and their corresponding numbers are listed on the right of this setting.
- **Image max. size**  
The maximum number of pixels you want an image to be on display. This might be handy to modify when you have a template that goes completely wacko when the size of an image is too large. ZOOM will resize the images automatically when it's larger then this setting.
- **Thumbnail settings**  
This array of settings is applied to newly uploaded images or function as default entries before uploading images.


The tabpane called 'Layout' is the place you want to customize the look and feel of zOOM. Most important are the user features that you can turn on and off as well as the stylesheets for the popup window and the gallery itself.

Next, another important tabpane that I will explain in more detail:


 **Settings :** stylesheet files are : **Writable**  
FTP configuration file is : **Writable**

System Media Layout Module Safe Mode Accessibility

 You are able to change the privileges of each usergroup known in Mambo and hereby change the privileges of each user that is a member of that group!  
A user may, in theory, do the following actions: upload file(s), edit/ delete media, create/ edit/ delete (shared) galleries.  
What they can and cannot do in the real world is up to you.

Group	Upload file(s)	Edit Medium	Delete	New gallery	Edit gallery	Delete gallery
> Public Frontend						
-> Registered	✗	✗	✗	✓	✗	✗
-> Author	✓	✗	✓	✓	✗	✗
-> Editor	✓	✓	✓	✓	✓	✓
-> Publisher	✓	✓	✓	✓	✓	✓
> Public Backend						
-> Manager	✓	✓	✓	✓	✓	✓
-> Administrator	✓	✓	✓	✓	✓	✓
-> Super Administrator	✓	✓	✓	✓	✓	✓

Show 'Upload Media'-link in User Menu  
☐ no 

zOOM Media Gallery 2.5.1.rc1

Illustration 9: Accessibility settings overview

The privileges system is fairly in ZMG and is a quite revolutionary feature in itself: it allows a system admin to assign rights to all of the user groups that have access to the zOOM Media Gallery backend, from the Mambo frontend as well the Mambo backend. Sounds complex, mayhap, but all this configuring can be done through this easy to use and revolutionary interface; click on a red cross or green ... and when you're done clicking, just press the 'Save' button to make the changes you made effective.

The <Show 'Upload Media'-link in User Menu> can be set to 'yes' if you want to show an 'Upload Media' hyperlink in the Mambo user menu in the frontend.

## 4. Create your first gallery

I assume you changed the settings correctly, completely matching your environment and desperately want to start off making practical use of zOOM Media Gallery!

Well, you can by creating a first gallery where you can store your media in.

Remember Illustration 6, the Admin screen overview with the yellow numbers in it? Click on ① to enter the Gallery Manager and you'll see this screen:




*Illustration 10: Gallery Manager overview*



Click the 'New gallery' button in the top right corner, which will take you to following screen:

(see next page)

[Mainscreen](#) | [Go Back](#)



## New gallery

Parent gallery:

Title:

Directory:

Password:

Keywords:

Description:

> Top level ▼

Temporary name, please change.

FHUELb

Temporary description, please change...

Properties

Members

Hide 'no media' text:
☐

Published:
☒

Share this gallery:
☐

*Illustration 11: New gallery screen*

- **Parent gallery**  
Choose the gallery you want this new gallery to be a child of, i.e. choose if you want this new gallery to be top level or sub gallery.
- **Title**  
You may set the title of the new gallery here. You may choose to leave it as-is; the default caption is set to the value you set as 'Temporary Name' in the 'Media' tabpane in the Settings (see Illustration 8).
- **Directory**  
You may set the directory name of this gallery here. By default the directory name is generated automatically, 'FHUELb' in this case.
- **Password**  
All galleries can be protected by a password. If you choose not to use this feature for your first gallery, just leave it blank.
- **Keywords**  
Keywords make life easier for users who wish to search your gallery. You may set an unlimited number of keywords that refer to this gallery, separated by a comma, dot-comma, etc. Every keyword that you enter will be shown in the dropdown select box on every zOOM Media Gallery page.
- **Description**  
You may set the description of the new gallery here. You may choose to leave it as-is; the default caption is set to the value you set as 'Temporary Description' in the 'Media' tabpane in the Settings (see Illustration 8).
- **Hide 'no media' text (Properties tabpane)**  
If you don't want to display the 'no media' text when this gallery is still empty, select this option. You might do this if this gallery is going to be a

container for sub galleries only and will not contain any media, ever.

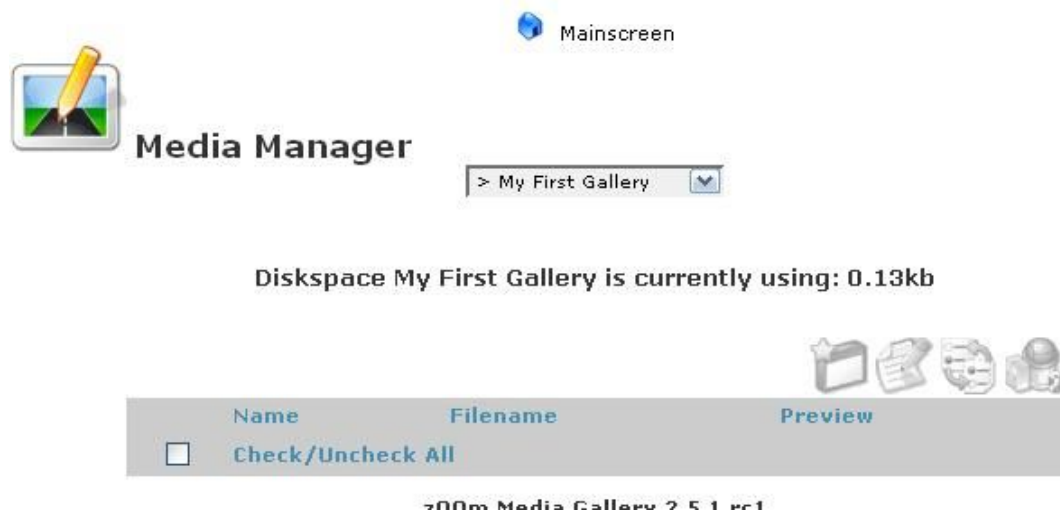
- **Published (Properties tabpane)**  
Select this option if you want this gallery to be visible and viewable by visitors of your website.
- **Shared (Properties tabpane)**  
Select this option if you want the users to be able to upload media and/ or create sub galleries into this one. Ofcourse, those users should have to appropriate rights to do so; set those rights in the 'Accessibility' tabpane in the Settings (see Illustration 9).
- **Member tabpane**  
You may set the users or user-level that may view this gallery. This way you can put a restriction on the access to this gallery, without even settings a password. The default setting is '<<Public access>>'.  
You may set the users or user-level that may view this gallery. This way you can put a restriction on the access to this gallery, without even settings a password. The default setting is '<<Public access>>'.

Assuming that you have filled the fields mentioned above correctly, click the 'Save' button and then you've created your first gallery!



## 5. Uploading your first media

We're going to use the yellow number from Illustration 6 again: click on **2** to enter the Media Manager:



*Illustration 13: Media Manager overview*

I already selected the the 'My First Gallery' gallery from the dropdown box on the top of this screen. As you can see, the Gallery Manager neatly displays the size the selected gallery is currently using. An empty gallery will still use some diskpace, because in each directory in this gallery an empty 'index.html' is created

to prevent leechers to see the content of your gallery outside zOOM Media Gallery.