



FLASHOCULUS.COM

G-Series Dynamic Flash Galleries

CMS**Content Management System**

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Introduction

Smooth CMS system that enables you to handle all content of any G-series gallery directly on the web. Features include:

Upload, delete images and mp3 song. Add, edit caption and links.

Image file names are automatically renamed to a unique number on your server, preventing possible unallowed characters in filenames from creating problems. The admin interface displays the original image filename.

Proportional resizing of images to your desired dimensions.

Optional automatic creation of thumbnails for gallery. Disabled by default.

Can be set to add a watermark of your choice to the uploaded image.

New xml is generated automatically.

Intuitive user interface, choice of album/image remains selected when shifting pages. After an action (upload, delete, edit..) the structure updates itself instantly.

Automatic creation of thumbnails for the admin interface.

A folder called “adminThumbs” will automatically be created inside your gallery images folder, where thumbnails used by the CMS to display your images will be saved.

Galleries accept one mp3 file named “music.mp3” The CMS renames your selected mp3 song for upload automatically.

Use the arrow keys on your keyboard to browse albums and images.

Included files

G_admin.html - Html page with the admin.swf embedded.

G_admin folder – This folder contains the following files required for the cms to work:

admin.swf- The CMS flash file.

swfobject.js– Javascript for embedding admin.swf on admin.html.

init.xml– Options for the admin.

upload.php – Php script to handle uploads.

resize.php – Php script to handle resizing of images and creating admin thumbnails.

sendXml.php – Php script to handle writing new xml data for images.xml.

delete.php – Php script for deleting albums and images.

Prepare the gallery G_images.xml document

This chapter mainly applies if you already own a G-series gallery and buy the CMS separately. If you have a gallery pack + CMS the **G_images.xml** is already prepared.

However, the following info is also useful if you need to clear **G_images.xml** and start fresh.

The CMS adds additional info (unique number for filenames) to the images xml file inside the `<image>` nodes.

You need to clear the images.xml to start uploading with the CMS. The CMS requires one album description to be defined in order to start.

Also keep in mind that the GALLERY needs one uploaded image in your first album in order to start.

Delete everything in images.xml and add the following structure:

```
<?xml version="1.0" encoding="UTF-8" ?>
<gallery>
  <album>
    <albumDescription><![CDATA[Album number 1]]></albumDescription>
  </album>
</gallery>
```

Change "Album number 1" to any description you want for your first album.

Setting up (init.xml)

init.xml contains the following setup options for the cms:

uploadPhpAbsolutePath=http://www.myserver.com/galleryData/admin/upload.php

This setting is **required** in order to make the CMS work. You must specify the full path to the location on your server where upload.php will reside.

deleteFromServerDefault="true"

Optional setting (true/false). If you want the delete from server box on the deletepage checked as default, put "true". Otherwise put "false"

displayAsPassword="true"

Optional setting (true/false). If you want password to be displayed as ***** when typed in, put "true". Otherwise put "false".

mainImageMaxHeight="550"

(pixels) Set maximum height for your images. Images exceeding this value will be resized.

mainImageMaxWidth="700"

(pixels) Set maximum width for your images. Images exceeding this value will be resized.

thumbsAutoCreate="false"

Optional setting (true/false). Your gallery **G_setup.xml** contains the same setting and needs to be set to the **opposite value** specified here. So if you **want** the php script to generate thumbnails automatically, set this setting to "true" and in your gallery **G_setup.xml**, set [thumbsAutoCreate="false"](#).

Thumbnails will be automatically created to specified size (see below) and saved to the **thumbs** folder.

thumbsHeight="60"

(pixels) Specify height for thumbnails to be resized. Requires **thumbsAutoCreate** be set to "true". **'thumbsHeight'** in your gallery **setup.xml** needs to be set to the **same value**.

thumbsWidth="80"

(pixels) Specify width for thumbnails to be resized. Requires **thumbsAutoCreate** be set to "true". **'thumbsWidth'** in your gallery **setup.xml** needs to be set to the **same value**.

Advanced settings:

phpResize="true"

To deactivate the php resize function, set this setting to "false". Setting "false" here also stops the automatic creation of thumbnails for the admin.

imagesXmlPath="G_images.xml"

This is the relative path to **G_images.xml** from **G_admin.html** with the default setup. Only change this setting if you need to have **G_images.xml** located somewhere else on your server. If you change this setting you also have to update the path to **G_images.xml** in **sendXml.php**.

adminThumbsPath="G_images/adminThumbs/"

This is the relative path from **G_admin.html** to the folder holding the thumbnails for the admin. This folder is automatically created inside the **G_images** folder by **upload.php**.

If you need to have the **G_images** folder somewhere else on your server than the default setup, you need to update this path so **G_admin.html** can read in the thumbnail previews.

If you change this path, you also need to update the path to the **G_images** folder in **upload.php**, **delete.php** and **resize.php**

Php memory_limit & upload_max_filesize

If you are uploading large images it's usually needed to temporarily raise the php memory limit, or you will receive an error when uploading. We recommend a memory_limit of at least 64 Mb. That should be enough for an image up to 10 Megapixels. Changing the php memory limit is allowed by most webhosts. A common way of doing this is by using the ini_set() method. It's already outlined on **resize.php**, simply **remove //** in front of the ini_set line, (See below).

At the top of **resize.php**:

```
// PHP MEMORY_LIMIT SET TO 64 MB. ( 64 * 1024 * 1024 ) Remove double slash before next line to activate
```

```
//ini_set('memory_limit', 67108864);
```

Php upload_max_filesize should be set to a higher value than the largest image you will ever upload.

If experiencing problems with this, contact your webhost for instructions on how to increase memory_limit and upload_max_filesize.

Change password (pw.php)

At the top of pw.php:

```
// Set your password
$pw='LETMEIN';
```

Simply change LETMEIN to whatever password you like.

Upload files

Put the **G_admin.html** and the **G_admin** folder in the same directory as the **G_images.xml**, **G_setup.xml**, **G_images** folder and **G_mp3** folder. That should be the same directory as the htmlpage holding the embedded swf (gallery flash file). Specify required settings described in this manual. If you have a gallery pack + CMS this structure is already prepared.

Give writing permissions to required files.

After uploading all files you need to grant the following files/folders writing permissions on your server. (chmod setting 777):

Your gallery **G_images.xml**

Your gallery **G_images** folder

Your gallery **thumbs** folder inside **G_images** folder

Your gallery **G_mp3** folder

After your first upload, the CMS will create a folder called **adminThumbs** inside your **G_images** folder.

Make sure chmod settings is 777.

Adjust browser settings

In order to see a change in your gallery after using the CMS, make sure your browser clears the cache upon refreshing the page.

Add page

Press browse to select an image, add desired caption and link. The link will be visible when you roll over the big image with the mouse.

If you select an album and leave the image field saying “(optional)”, the new image will be added last in the selected album.

Select an album AND an image if you want to insert the new image to selected position.

Edit page

Simply select the album and image you want, update the info you need and press save.

Delete page

Select an album and leave the image field saying “Delete entire album?” to delete the whole album.

Select an album AND an image to delete the image.

If you uncheck the “delete from server” option, images will be kept on your server.

Create album page

Specify the description of your new album.

If you leave the insert album field saying “(optional)”, your new album will be added last.

Select an album if you want the new album to be inserted to selected position.

Mp3 page

Select any mp3 song and press upload. File name will automatically be changed to “music.mp3” on your server.

Troubleshooting

Refer to the content of the above chapters to make sure your **paths** and **chmod permissions** for files/folders are correct.

Always restart the CMS after making changes. Make sure you have your **browser** set to **clear cache** upon refresh. Alternately, clear cache manually and restart the browser.

Error messages:

“Upload IO error” /nothing happens when pressing upload and the UI “freezes”

Most common reason for this is a wrong path to upload.php.

In **init.xml**, make sure your absolute path to **upload.php** is correct.

You can test the path by testing it in your browser. If you get an OK message, path is correct.

Another reason could be that your server has mod_security module enabled in Apache. To solve the issue, create a .htaccess file (or update your existing one) with the following content:

```
SecFilterEngine OFF
SecFilterScanPost OFF
```

Upload the .htaccess file to the root of your server.

“Unable to resize image”

Your image is too big/your php memory_limit or upload_max_filesize are too low.

Select a smaller image, or raise the memory_limit as described in the chapter **Setting up (init.xml)**, Contact your webhost to receive specific information on what applies to your server.

Check chmod settings for **G_images/adminThumbs/thumbs** folders. Should be 777.

“Unable to load init.xml”

Check paths. Admin.html and admin folder needs to be in the same directory.

“Unable to load the xml file”

Check paths. If you moved the xml file outside the default structure you need to update the path in **init.xml** and **sendXml.php**.

“Unable to parse the xml file”

There’s an error in **images.xml**. If you have edited it manually, make sure all tags are intact.

Make sure top of xmlfile has the structure described in the chapter **Prepare the gallery images.xml document**.

“Unable to send xml”

Check cmod settings for **G_images.xml**. Should be 777

To start fresh:

Clear images on your server (inside **G_images**, **G_images /adminThumbs**, and **G_images /thumbs**) and restore **G_images.xml** to basic state. See chapter “Prepare the gallery images.xml document”. Make necessary settings and start again.

Setting up multiple galleries with individual CMS (Advanced)

Your gallery has an additional FlashVar called “[galleryFolderPath](#)” which you can put to use if you need multiple galleries on your site and have a different cms system for each gallery.

Just do the following:

Create a new folder and name it, e.g. “myGallery”

Copy the following files/folders to that folder:

G01_Standalone.swf, **G_images (folder)**, **G_mp3 (folder)**, **G_images.xml**, **G_setup.xml**, **G_admin.html** and **G_admin (folder)**

Put this folder in the same directory as your html page.

Embed the swf (now residing in the new folder “myGallery”) but add the flashvar [galleryFolderPath](#) to point to the new folder. This will make all paths the gallery need to operate work correctly:

```
<script type="text/javascript" src="swfobject.js"></script>
<script type="text/javascript">
```

```
var flashvars = {};
flashvars.galleryFolderPath="myGallery/";
```

```
var params = {};
params.allowFullScreen="true";
```

```
swfobject.embedSWF("myGallery/G01_Standalone.swf","myContent","450","450","9.0.28.0", false,
flashvars, params);
</script>
```

Make sure swfobject.js is in the same directory as your html page.

Now you have the whole gallery with the CMS in one folder!

To make an additional gallery with CMS, simply copy and rename myGallery folder and repeat the process. Don’t forget to update the absolute path for upload.php in the new gallery folders.

Contact

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