

Mos-Eisley Gallery

This is my Gallery Site - I have created my own gallery scripts and Macro's - as no Confluence Plugins supports images in a filestructure.



Versions

2018-01-03: Added Extraction of EXIF Tags - for GPS Position purpose - Read [Extraction EXIF data from my Images](#)

2015-09-20: Changed input for makeThumbs.sh to key=value usage and added orientation magic into it

2015-01-04: Changed input to key=value usage

2014-07-15 : Added the [blazy](#) javascript to my site. This makes thumbnail load and display when needed instead of all thumbnails loaded when rendering a page (rendering 2000 small images takes a heck of time) - Read the [Adding blazy to the Mos-Eisley Gallery](#) page

2014-01-16 : Upgraded to permanent multipage (1 for each subdir and 1 to include all), ThumbSize as command line argument and minor fixes to the code

2013-09-15 : Putting ThumbSize and DisplaySize in the macro call, so these can be changed without breaking older pages

Requirements

Software

[Atlassian CLI](#) (Notice the 3.X versions are not free, last free download versions at [Atlassian CLI](#))

[Imagick](#) , [exiftool](#) and [ffmpegthumbnailer](#) installed, this can typically be done with a package manager for the OS.

A Lighbox, this is optional, as the build-in can be used, but a custom one can be installed as in [Installing Javascript libraries or frameworks in Confluence](#)

Scripts

[Configurations \(config.txt\)](#)

[Script for making thumbnail images \(makeThumbs.sh\)](#)

[Script for linking images into a Confluence page \(updateGallery.sh\)](#)

Optional: [Script for refreshing Confluence pages \(refreshPages.sh\)](#)

Files

Get the latest files <https://bitbucket.org/moseiseydk/confluence-gallery>

User Macros

[User Macro: make-top](#)

[User Macro: go-top](#)

[User Macro: me-video](#) - Linking to a Video file

One of these User Macros If You have selected a custom lighbox ([Installing Javascript libraries or frameworks in Confluence](#)):

[User Macro: me-image](#) - Image lightbox with prettyPhoto

[User Macro: me-image](#) - Image lightbox with Floatbox

[User Macro: me-image](#) - Image lightbox with Slimbox2

[User Macro: me-image](#) - Image lightbox with OrangeBox

[User Macro: me-image](#) - Image lightbox with fancybox

Or use the one in Confluence:

[User Macro: me-image](#) - Image lightbox with Confluence style

The setup

Install the Software and packages needed

Config Atlassian CLI (Set username, password and URL in confluence.sh)

Config Tomcat to support symbolic links (see [this](#) currently **unsolved** issue regarding special UTF-8 characters)

Link from Confluence to the MediaRoot (here called /data/images) - The "media" in the link is used in the "me-image" macro, these must match if changed.

```
ln -s /data/images $CONFLUENCE_HOME/confluence/media
```

Create a Script directory and place the 3 scripts and the config.txt files into them

Edit the config.txt to fit Your installation

Create the User Macro [me-image](#) in Your Confluence installation (remember to set parameters **ThumbSize** and **DisplaySize** to the same as i config.txt)

Start adding pictures to Your installation using the updategallery.sh and optional refreshpages.sh scripts

The workings

All content (Pictures and Video) are place on the servers filesystem in a Tree Structure, from a Basic root (called MediaRoot in the config.txt file) - This Root is symlinked into the Confluence base Url

For each top directory, a subdirectory or one or more phrases, a collection of content can be placed on a Confluence Page with the updategallery.sh script

When the script runs, it travels an entire directory-structure and :

- Creates thumbnails for the content (image or video) in a subdirectory called something with "thumbs"
- Adds a macro onto the specified Confluence page to show (render) the content (image or video)
- Finally, saves the page into Confluence

Questions and Answers

Q: Is there a manuel maintenance between the config.txt and the me-image macro?

A: Yes, the **ThumbSize** and **DisplaySize** numbers must match in the file and macro, otherwise images will give a 404 Error

Q: My Thumbnail Image is not displayed?

A: Check the following:

- Tomcat Linking is allowed:
The server.xml file has to be changed adding the allowedLinked parameter:

```
<Context path= "" docBase= "../confluence" debug= "0" reloadable= "false" useHttpOnly= "true" allowLinking= "true" >
```

- The Paths etc in the macro on the Confluence Page - does it exist in the filesystem
- Permissions on the filesystem

Q: Images are so slow...why?

A: This can be bandwidth, server hardware, memory - or the **DisplaySize** parameter - hence how large an image that must be fetched. 800 is default.

Q: My image just opens in a new window, not popped up or via jQuery

A: Either the lightbox is not loaded, or the class and/or id on each images is wrong, consult the Lightbox documentation and [Installing Javascript libraries or frameworks in Confluence](#)

