Using dokuwiki's plugin manager to install fckglite

Unlike previous versions of fckgLite, which required manual installation, versions of fckgLite 06, starting November 24 2011, can now be installed using the Dokuwiki Plugin Manager. The prohibition against using the Dokuwiki Plugin manager was aimed primarily at Linux/Unix systems, because the Plugin Manager fails to install a set of symbolic links which are needed to run the filebrowser, as explained in more detail below. The plugin manager will not remove the links once they have been created, but will not install them. This is no longer a problem; fckgLite will now check to see if these links exist and if not it will create them.

If you have previously used a manual install for fckgLite, the Plugin Manager may not be able to install a new instance of fckgLite over top of the old one, because it may not have the correct permissions. In this case you may want to delete the old installation of fckgLite or change the permissions so that the web server has write permission to the files and directories of the fckgLite plugin.

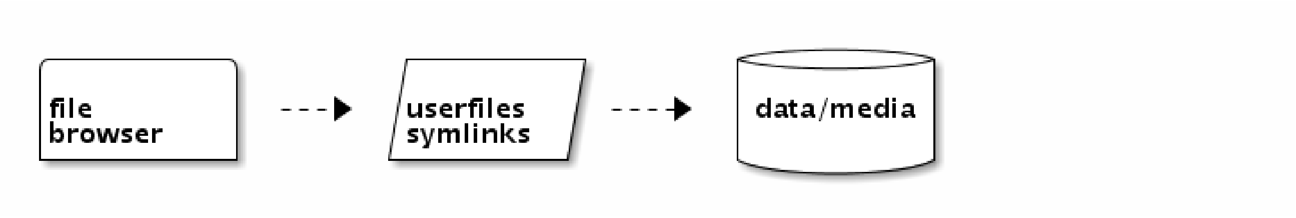
Background

Linux/Unix

When the plugin manager installs fckgLite, it fails to install a set of symbolic links in `fckg/fckgeditor/userfiles`. These symlinks are used in the default configuration of the file browser. All versions of fckgLite, dated after Nov 24 2011, will create the required symlinks. In its default configuration for Linux, the file browser is set up to access

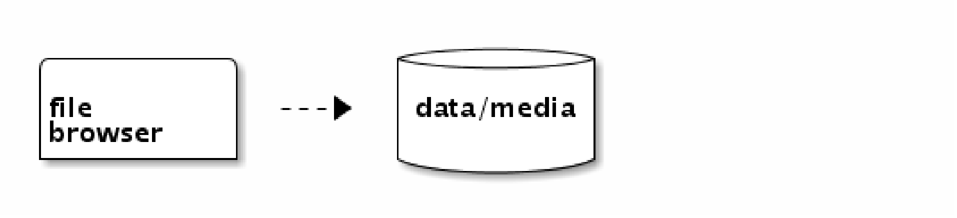
```
          dokuwiki/lib/plugins/fckg/fckeditor/userfiles/image
          dokuwiki/lib/plugins/fckg/fckeditor/userfiles/file
```

where image and file are symlinks which point to `dokuwiki/data/media`.



Windows

On Windows systems the symlinks are not required, because in its default configuration the file browser is set up to directly access `dokuwiki/data/media`. However, up-to-date versions of fckgLite will also create symlinks on Windows beginning with Vista (this of course includes Wndows 7).



Troubleshooting

If the symlink creation fails, there will be a message notifying you of the failure. You then have two choices:

1. You can install manually
2. You can create the symbolic links your self. You will have to create four symlinks: `file`, `flash`, `image`, `media`.

They must all point to the `data/media` directory.

Linux/Unix systems

In Unix-type systems you create symbolic links from the command line. For instance, to create the `file` link and have it point to your media directory, you would use the following command:

```
ln -s /path/to/data/media file
```

Another solution is to copy the following file to the fckg/fckeditor directory: :userfiles.tgz. Then extract it:

```
tar -xzf userfiles.tgz
```

This will copy the necessary links to the fckg/fckeditor/userfiles directory. The userfiles.tgz is also available at github [https://github.com/downloads/turnermm/fckgLite/userfiles.tgz].

Windows systems

On Windows systems you use the mklink command from the Command Prompt window. Here the syntax is as follows:

```
mklink /D  "path\to\data\media" "path\to\link\name"
```

For instance:

```
mklink /D "C:\dokuwiki\data\media"  "C:\dokuwiki\lib\plugins\fckg\fckeditor\userfiles\file"
```

The quotation marks are usually needed.

The `userfiles.tgz` solution mentioned above will not work in Windows since Windows uses a different kind of symbolic link.

Force symlink creation

To force fckgLite to attempt to create symlinks after a failure, delete the file data/meta/fckl/symchk.meta.

After the symlink creation module has run, it creates symchk.meta, which will contain the version id of your fckgLite distribution. By checking this file, the module knows it has attempted symlink creation for the current distribution. If you delete this file, it will try again. When you upgrade, fckgLite will do this check again. If it finds the symlinks, it will do nothing and exit without comment. If the symlinks have been removed, it will re-create them.

Configuration Options

There are two new configuration options.

1. **plugin»fckg»nix_style**: For Windows Servers (Vista and Later). This setting makes it possible to access data\media through fckg\fckeditor\userfiles, if links to media and file have been successfully created in userfiles
2. **plugin»fckg»no_symlinks**: Disable automatic creation of symbolic links in fckg/userfiles.

The first of these makes it possible for Windows installations to use the nix-style filebrownser installation. The second of these is a fail-safe setting, aimed at preventing nuisance messages from being printed to the top of the browser if something goes wrong with the symlink creation and fckgLite wants to keep warning you of the fact. This is unlikely, but you should have the option just in case.

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