

ARTIO JOOMSEF DOCUMENTATION

JOOMLA! 1.0.X COMPONENT

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Abstract:	Installation, configuration and usage documentation of ARTIO JoomSEF Joomla! Extension.

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1. INTRODUCTION

This document describes how to install and configure ARTIO JoomSEF Joomla! component to work smoothly.

2. INSTALLATION INSTRUCTIONS

Use the Joomla!'s standard component installation tool and choose the .zip package file with the downloaded component. If you have previous version, or other SEF module installed, you will need to uninstall that first.

If your `.htaccess` file was set as writable the install may have updated it already and you shouldn't have to worry about it, just check that the `RewriteBase` directive is pointing to the right place.

If your site is in a subdirectory be sure to change the `RewriteBase` line accordingly. e.g.: `RewriteBase /joomla`, if you access your Joomla! Installation at <http://www.yourserver.org/joomla>.

2.1. INSTALLATION

1. Upload the zip file to Joomla! using the component installer in the usual way.
2. If the `.htaccess` file does not exist in your Joomla! root, you may create it by copying the `htaccess.txt` which is located there by default.
3. For apache, set your `.htaccess` file like this:

```
##
# @version $Id: htaccess.txt 2368 2006-02-14 17:40:02Z stingrey $
# @package Joomla
# @copyright Copyright (C) 2005 Open Source Matters. All rights reserved.
# @license http://www.gnu.org/copyleft/gpl.html GNU/GPL
# Joomla! is Free Software
##

#####
# READ THIS COMPLETELY IF YOU CHOOSE TO USE THIS FILE
#
# The line just below this section: 'Options FollowSymLinks' may cause
# problems
# with some server configurations. It is required for use of mod_rewrite,
# but may already
# be set by your server administrator in a way that disallows changing it in
# your .htaccess file. If using it causes your server to error out, comment
# it out (add # to
# beginning of line), reload your site in your browser and test your sef
# url's. If they work,
# it has been set by your server administrator and you do not need it set
# here.
#
# Only use one of the two SEF sections that follow. Lines that can be
# uncommented
# (and thus used) have only one #. Lines with two #'s should not be
# uncommented
# In the section that you don't use, all lines should start with #
#
# For Standard SEF, use the standard SEF section. You can comment out
# all of the RewriteCond lines and reduce your server's load if you
# don't have directories in your root named 'component' or 'content'
#
# If you are using a 3rd Party SEF or the Core SEF solution
# uncomment all of the lines in the '3rd Party or Core SEF' section
#
#####

##### SOLVING PROBLEMS WITH COMPONENT URL's that don't work #####
# SPECIAL NOTE FOR SMF USERS WHEN SMF IS INTEGRATED AND BRIDGED
# OR ANY SITUATION WHERE A COMPONENT'S URL'S AREN'T WORKING
```

```
#
# In both the 'Standard SEF', and '3rd Party or Core SEF' sections the line:
# RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR] ##optional -
# see notes##
# May need to be uncommented. If you are running your Joomla! from
# a subdirectory the name of the subdirectory will need to be inserted into
# this
# line. For example, if your Joomla! is in a subdirectory called '/test/',
# change this:
# RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR] ##optional -
# see notes##
# to this:
# RewriteCond %{REQUEST_URI} ^(//test/component/option,com) [NC,OR] ##optional
# - see notes##
#
#####

## Can be commented out if causes errors, see notes above.
Options FollowSymLinks

#
# mod_rewrite in use

RewriteEngine On

# Uncomment following line if your webserver's URL
# is not directly related to physical file paths.
# Update Your Joomla! Directory (just / for root)

# RewriteBase /

##### Begin Standard SEF Section
## ALL (RewriteCond) lines in this section are only required if you actually
## have directories named 'content' or 'component' on your server
## If you do not have directories with these names, comment them out.
#
#RewriteCond %{REQUEST_FILENAME} !-f
#RewriteCond %{REQUEST_FILENAME} !-d
#RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR]
# ##optional - see notes##
#RewriteCond %{REQUEST_URI} (//|\.htm|\.php|\.html|/[^.]*)$ [NC]
#RewriteRule ^(content/|component/) index.php
#
##### End Standard SEF Section

##### Begin 3rd Party or Core SEF Section
#
#RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR]
# ##optional - see notes##
RewriteCond %{REQUEST_URI} (//|\.htm|\.php|\.html|/[^.]*)$ [NC]
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule (.*?) index.php
#
##### End 3rd Party or Core SEF Section
```

4. For IIS, see Configuring IIS.
5. Ensure that SEF is enabled under `Global Configuration` in the Joomla! backend.
6. Edit the 404 SEF configuration, Change `Enable` to `yes` and save. This is necessary to ensure the default 404 document gets saved to the Joomla! database.

2.2. CONFIGURING IIS

1. Install ActiveScript

After installing PHP, you should download the ActiveScript DLL (`php4activescript.dll`) and place it in the main PHP folder (e.g. `c:\php`).

After having all the files needed, you must register the DLL on your system. To achieve this, open a Command Prompt window (located in the Start Menu). Then go to your PHP directory by typing something like `cd c:\php`. To register the DLL just type:

```
regsvr32 php4activescript.dll
```

2. Install .NET framework 1.1

To the best of my limited knowledge of IIS, this is required for `web.config` to work, so install it.

3. Create/Modify web.config

NOTE: in the example below, Joomla! is installed in the virtual directory 'joomla'.

Create `c:\inetpub\wwwroot\web.config` and add the content below:

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <system.web>
    <compilation defaultLanguage="PHP4Script" debug="true" />
    <customerrors mode="On" defaultRedirect="/joomla/index.php" />
  </system.web>
</configuration>
```

4. Configure the Custom Errors

NOTE: in the example below, Joomla! is installed in the virtual directory Joomla!

Using the Internet Services Manager, right-click the directory in which Joomla! is installed.

Select `Properties > Custom Error`

- set the 404 to <URL:/joomla/index.php>

- set the 405 to <URL:/joomla/index.php>

2.3. UNINSTALL

1. Uninstall the component using the component uninstaller in the usual way.
2. For apache, set your `.htaccess` file like this:

```
##
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# @package Joomla
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# READ THIS COMPLETELY IF YOU CHOOSE TO USE THIS FILE
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# problems
# with some server configurations. It is required for use of mod_rewrite,
# but may already
# be set by your server administrator in a way that disallows changing it in
# your .htaccess file. If using it causes your server to error out, comment
# it out (add # to
# beginning of line), reload your site in your browser and test your sef
# url's. If they work,
# it has been set by your server administrator and you do not need it set
# here.
#
# Only use one of the two SEF sections that follow. Lines that can be
# uncommented
# (and thus used) have only one #. Lines with two #'s should not be
# uncommented
# In the section that you don't use, all lines should start with #
#
# For Standard SEF, use the standard SEF section. You can comment out
# all of the RewriteCond lines and reduce your server's load if you
# don't have directories in your root named 'component' or 'content'
#
# If you are using a 3rd Party SEF or the Core SEF solution
# uncomment all of the lines in the '3rd Party or Core SEF' section
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##### SOLVING PROBLEMS WITH COMPONENT URL's that don't work #####
# SPECIAL NOTE FOR SMF USERS WHEN SMF IS INTEGRATED AND BRIDGED
# OR ANY SITUATION WHERE A COMPONENT'S URL'S AREN'T WORKING
#
# In both the 'Standard SEF', and '3rd Party or Core SEF' sections the line:
# RewriteCond %{REQUEST_URI} ^(\/component\/option,com) [NC,OR] ##optional -
# see notes##
# May need to be uncommented. If you are running your Joomla! from
# a subdirectory the name of the subdirectory will need to be inserted into
# this
```

```
# line. For example, if your Joomla! is in a subdirectory called '/test/',
# change this:
# RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR] ##optional -
see notes##
# to this:
# RewriteCond %{REQUEST_URI} ^(//test/component/option,com) [NC,OR] ##optional
- see notes##
#
#####

## Can be commented out if causes errors, see notes above.
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#
# mod_rewrite in use

RewriteEngine On

# Uncomment following line if your webserver's URL
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# Update Your Joomla! Directory (just / for root)

# RewriteBase /

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## If you do not have directories with these names, comment them out.
#
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
#RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR]
##optional - see notes##
RewriteCond %{REQUEST_URI} (//|\.htm|\.php|\.html|/[^.]*)$ [NC]
RewriteRule ^(content/|component/) index.php
#
##### End Standard SEF Section

##### Begin 3rd Party or Core SEF Section
#
#RewriteCond %{REQUEST_URI} ^(//component/option,com) [NC,OR]
##optional - see notes##
#RewriteCond %{REQUEST_URI} (//|\.htm|\.php|\.html|/[^.]*)$ [NC]
#RewriteCond %{REQUEST_FILENAME} !-f
#RewriteCond %{REQUEST_FILENAME} !-d
#RewriteRule (.*?) index.php
#
##### End 3rd Party or Core SEF Section
```

3. For IIS, remove `c:\inetpub\wwwroot\web.config` and the Custom Errors you created with the Internet Services Manager.

2.4. CONFIGURATION CHECKLIST

Before submitting bugs, flooding our forums, sending us a letter bomb, thinking about suicide or murder, etc., please check following:

1. the .htaccess exists in the root of your Joomla! site
2. the 3rd party section rules in .htaccess are uncommented
3. the “RewriteBase” rule matches YOUR Joomla! installation
4. Joomla! SEF is “ON” in site “Global configuration”
5. JoomSEF is “ON” in site “JoomSEF configuration”

3. USEFUL TIPS FOR USING ARTIO JoomSEF

3.1. CONFIGURATION

Using the ARTIO JoomSEF configuration is fairly straight forward. For more information on each item When you save the configuration it will remove all your URL's from the database. If you have a high traffic site it may be wise to put it offline before saving the ARTIO JoomSEF config or purging the database and go and browse your site starting at the main page. This will create the URL's properly for you and prevent numbers from being added to the ends of URL's people were browsing that changed.

You may want to purge the 404 log before creating fresh urls.

3.2. MODIFYING URL'S

You can modify URL's to your liking. Go into the ARTIO JoomSEF Control Panel and click “View/Edit SEF URL's“. Select the URL you wish to modify. If you click the check box labeled 'Save as Custom Redirect' it will place this URL into the “Custom Redirect” area which you can navigate to from the ARTIO JoomSEF Control Panel. When you click “View/Edit Custom Redirects” you will see your URL in here now instead. These urls will not be removed when you save the config. You can modify these and save them as you wish.

This is particularly useful if you are updating from an old site because any URL's that are no longer available will be logged. You can view these URL's by clicking “View/Edit 404 Logs“ in the ARTIO JoomSEF Control Panel. You can redirect visitors to the new page by selecting the URL you wish to modify and entering the new url. Note: The ability to enter non-Joomla! URL's into this area is coming soon! This will allow you to easily transfer a non-Joomla! site to Joomla using ARTIO JoomSEF and any of your old URL's will be redirected to the new page within Joomla!.

3.3. BACKING UP YOUR URL'S

It is recommended to backup your database before doing this.

You can also import and export URL's from the Custom Redirect area. To do this click the “Import/Export Custom URLS” link above the table of URL's. To backup your URL's click the “Backup Custom URLS” button and you will be presented with a file named “`ARTIO JoomSEF_custom_urls.sql`” to download.

If you want to import your urls browse to the file and click the 'Import Custom URLS' button.

4. SUPPORT & HELP

If you need more help with the ARTIO JoomSEF component, visit our webpages at <http://www.artio.cz> and check our FAQs & support forums.