Tiki is progressively adding support for more media types via https://packagist.org/packages/media-alchemyst/media-alchemyst

Media Alchemyst is installable as one of the packages. See also: unoconv.

Option

File gallery

Home file gallery (main file gallery)

Description

Storage

Description

Storage of files of various formats to display or download,

Select the default file gallery

☰ File Galleries | Branding Graphics | colorbox | Documentation te
object images | Example POI icons | exportet-structures-francais,c
GÃƒÆ'Ã†â€™Ãƒâ€ Ã¢â‚¬â„¢ÃƒÆ'Ã¢â‚¬Å¡Ãƒâ€šÃ‚©rer les Utilisate

☰ Hide | Show as a column | Show in popup box | Both

Specify if uploaded files should be stored in the database

☰ Store in database | Store in directory

Default

Enabled

Images for slideshows

Show in popup box

Store in database

Option

Preserve filenames

Path to the directory to store file gallery files

Podcast directory

Rankings

Description

Preserve original filename instead assigning a hash as nar

Specify a directory on this server, for example: /var/www/
directory.

File system directory for storing podcast files
👆 *The server must be able to read/write the directory. Re*

Users can view the
ÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢ÃƒÆ'Ã‚Â¢ÃƒÂ¢Ã¢â€šÂ¬Ã…Â¡Ãƒâ€šÃ‚
or
ÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢ÃƒÆ'Ã‚Â¢ÃƒÂ¢Ã¢â€šÂ¬Ã…Â¡Ãƒâ€šÃ‚
downloaded files.

Default

Disabled

storage/fgal/

files/

Disabled

Option

File gallery comments

Display ZIP option in gallery

Allow download limit per file

Prevent download if score becomes negative

Allow file duplicates

Use jQuery upload

Batch uploading

Description

Users with permission may post threaded comments. The

Users can upload a .zip (archive file). Tiki will automaticall

If using Tiki Score system, users with a negative score can

Allow the same file to be uploaded more than once.

≡ Never | Yes, even in the same gallery | Only in different gallerie

Use the improved Tiki 15+ upload page

Direct import of local files into a file gallery. This method
to use a file directory as the file gallery storage when usin

Default

Disabled

Disabled

Disabled

Disabled

Yes, even in the same gallery

Enabled

Disabled

Option

Path

Require file creator's name for anonymous uploads

Automatic deletion of old files

Deletion emails notification

Keep the same fileId for the latest version of a file

Store user files in a file gallery

Description

👆 *To enable and use directory batch loading, set up a web*
with SCP, FTP, etc The server must be able to read the dir

The user will have an option when uploading a file to spec
⚠️ *A cron job must be set up in order to delete the files.*

Email addresses (comma-separated) to receive a copy of

If the checkbox is checked, the file ID of the latest version
version of the file is assigned its own file ID, so a link to th

👆 *Use the file gallery admin and the individual file gallery*

Default

None

Disabled

Disabled

None

Enabled

Disabled

Option

Use file galleries for wiki attachments

Save files as drafts

File gallery configuration templates

Allow searching for existing files in the tracker files field

Set MIME type based on file suffix

Clean XML Always

Allow SVG file upload

Upload files from remote source

Description

Wiki attachments will be stored in the file gallery. This is t

Allow saving of files as drafts

🧪

Search files using the search index.

Sets the MIME type of an image file according to the file su

Sanitize XML based files such as SVG for all users.

Because SVG files may contain malicious code and compr

Enable copying files to file galleries from a URL that will be

Default

Enabled

Disabled

Disabled

Enabled

Disabled

Enabled

Disabled

Disabled

Option

Domains

Remote source refresh frequency limit

Display controls to attempt a file refresh

Validate uploaded file content

Redirect to file gallery

View or export office documents as PDF

Maximum width of file preview in pixels

Description

Allowed domains
👆 *One domain per line*

Minimum number of seconds to elapse between remote s
👆 *Set to zero to disable refresh*

Let users trigger a refresh attempt from the remote host.

Do not trust user input and open the files to verify their co

If enabled, redirect all requests to images that were migra

If enabled allows to view documents without download or

The maximum value of width in pixels for the files preview

Default

None

3600 seconds

Disabled

Enabled

Disabled

Disabled

250

Option

Quota for all files and archives

Quota for each file gallery

Default quota for each new gallery

Must match

Description

The total size of files uploaded to all the file galleries or to
file galleries under it. When the limit is reached, no more f
Mail notifications feature.)

👆 *0 for unlimited*

A different quota can be defined for each file gallery.

👆 *0 for unlimited*

A regular expression that must be matched to accept the
uploads must have a wordprocessing file extension, you c

Default

0 megabytes

Disabled

0 megabytes

None

Option

Cannot match

ffmpeg path

ffprobe path

unoconv path

unoconv timeout

unoconv port

ghostscript path

Description

A regular expression that, if matched, causes the file to be
expression is being used. If you donÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢Ã
regular expressions just leave the fields blank and all the

Path to the location of the ffmpeg binary

Path to the location of the ffprobe binary

Path to the location of the unoconv binary.

The maximum amount of time for unoconv to execute.

unoconv running port.

Path to the location of the ghostscript binary.

Default

None

/usr/bin/ffmpeg

/usr/bin/ffprobe

/usr/bin/unoconv

60 seconds

2002

/usr/bin/gs

Option

Alchemy Image library

Export diagram image on save

Use locally CasperJS to export images

Use draw.io public services to export images

Draw.io service endpoint

Use diagram compression by default

Use RecordRTC to screen record

Description

Select either Image Magick or GD Graphics Library.

☰ Imagemagick | GD

If enabled, diagrams will be cached in PNG format when s

If enabled, diagrams can be exported using CasperJS.

When exporting PDFs, if this setting is enabled, diagram i

Configure the draw.io service endpoint to export the diagr

if this setting is enabled, diagram will use compression by

if this setting is enabled, will use RecordRTC to record the

Default

Imagemagick

Enabled

Disabled

Disabled

https://convert.diagrams.ne...

Enabled

Disabled

Unable to load the jQuery Sortable Tables feature.

Option

File gallery

Home file gallery (main file gallery)

Description

Storage

Preserve filenames

Description

Storage of files of various formats to display or download,

Select the default file gallery

☰ File Galleries | Branding Graphics | colorbox | Documentation te
object images | Example POI icons | exportet-structures-francais,c
GÃfÆ'Ã†â€™Ãfâ€ Ã¢â‚¬â„¢ÃfÆ'Ã¢â‚¬Å¡Ãfâ€šÃ‚Â©rer les Utilisate

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Specify if uploaded files should be stored in the database

☰ Store in database | Store in directory

Preserve original filename instead assigning a hash as nar

Default

Enabled

Images for slideshows

Show in popup box

Store in database

Disabled

Option

Path to the directory to store file gallery files

Podcast directory

Rankings

File gallery comments

Description

Specify a directory on this server, for example: /var/www/
directory.

File system directory for storing podcast files
☝ *The server must be able to read/write the directory. Re*

Users can view the
ÃƒÆ'Ã†â€™ÃƒÂ¢â€šÃ‚Â¢ÃƒÆ'Ã‚Â¢ÃƒÂ¢Ã‚Â¢â€šÂ¬Ã…Â¡ÃƒÂ¢â€šÃ‚
or
ÃƒÆ'Ã†â€™ÃƒÂ¢â€šÃ‚Â¢ÃƒÆ'Ã‚Â¢ÃƒÂ¢Ã‚Â¢â€šÂ¬Ã…Â¡ÃƒÂ¢â€šÃ‚
downloaded files.

Users with permission may post threaded comments. The

Default

storage/fgal/

files/

Disabled

Disabled

Option

Display ZIP option in gallery

Allow download limit per file

Prevent download if score becomes negative

Allow file duplicates

Use jQuery upload

Batch uploading

Path

Description

Users can upload a .zip (archive file). Tiki will automaticall

If using Tiki Score system, users with a negative score can

Allow the same file to be uploaded more than once.

≣ Never | Yes, even in the same gallery | Only in different gallerie

Use the improved Tiki 15+ upload page

Direct import of local files into a file gallery. This method
to use a file directory as the file gallery storage when usin

☝ *To enable and use directory batch loading, set up a wel*
with SCP, FTP, etc The server must be able to read the dir

Default

Disabled

Disabled

Disabled

Yes, even in the same gallery

Enabled

Disabled

None

Option

Require file creator's name for anonymous uploads

Automatic deletion of old files

Deletion emails notification

Keep the same fileId for the latest version of a file

Store user files in a file gallery

Use file galleries for wiki attachments

Save files as drafts

Description

The user will have an option when uploading a file to spec
⚠️ *A cron job must be set up in order to delete the files.*

Email addresses (comma-separated) to receive a copy of

If the checkbox is checked, the file ID of the latest version
version of the file is assigned its own file ID, so a link to th

👆 *Use the file gallery admin and the individual file gallery*

Wiki attachments will be stored in the file gallery. This is t

Allow saving of files as drafts

Default

Disabled

Disabled

None

Enabled

Disabled

Enabled

Disabled

Option

File gallery configuration templates

Allow searching for existing files in the tracker files field

Set MIME type based on file suffix

Clean XML Always

Allow SVG file upload

Upload files from remote source

Domains

Description

🧪

Search files using the search index.

Sets the MIME type of an image file according to the file su

Sanitize XML based files such as SVG for all users.

Because SVG files may contain malicious code and compr

Enable copying files to file galleries from a URL that will be

Allowed domains
👆 *One domain per line*

Default

Disabled

Enabled

Disabled

Enabled

Disabled

Disabled

None

Option

Remote source refresh frequency limit

Display controls to attempt a file refresh

Validate uploaded file content

Redirect to file gallery

View or export office documents as PDF

Maximum width of file preview in pixels

Description

Minimum number of seconds to elapse between remote s

👆 *Set to zero to disable refresh*

Let users trigger a refresh attempt from the remote host.

Do not trust user input and open the files to verify their co

If enabled, redirect all requests to images that were migra

If enabled allows to view documents without download or

The maximum value of width in pixels for the files preview

Default

3600 seconds

Disabled

Enabled

Disabled

Disabled

250

Option

Quota for all files and archives

Quota for each file gallery

Default quota for each new gallery

Must match

Description

The total size of files uploaded to all the file galleries or to
file galleries under it. When the limit is reached, no more f
Mail notifications feature.)
👆 *0 for unlimited*

A different quota can be defined for each file gallery.

👆 *0 for unlimited*

A regular expression that must be matched to accept the
uploads must have a wordprocessing file extension, you c

Default

0 megabytes

Disabled

0 megabytes

None

Option

Cannot match

ffmpeg path

ffprobe path

unoconv path

unoconv timeout

unoconv port

ghostscript path

Description

A regular expression that, if matched, causes the file to be
expression is being used. If you donÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢Ã
regular expressions just leave the fields blank and all the

Path to the location of the ffmpeg binary

Path to the location of the ffprobe binary

Path to the location of the unoconv binary.

The maximum amount of time for unoconv to execute.

unoconv running port.

Path to the location of the ghostscript binary.

Default

None

/usr/bin/ffmpeg

/usr/bin/ffprobe

/usr/bin/unoconv

60 seconds

2002

/usr/bin/gs

Option

Alchemy Image library

Export diagram image on save

Use locally CasperJS to export images

Use draw.io public services to export images

Draw.io service endpoint

Use diagram compression by default

Use RecordRTC to screen record

Description

Select either Image Magick or GD Graphics Library.

☰ Imagemagick | GD

If enabled, diagrams will be cached in PNG format when sa

If enabled, diagrams can be exported using CasperJS.

When exporting PDFs, if this setting is enabled, diagram in

Configure the draw.io service endpoint to export the diagr

if this setting is enabled, diagram will use compression by

if this setting is enabled, will use RecordRTC to record the

Default

Imagemagick

Enabled

Disabled

Disabled

https://convert.diagrams.ne...

Enabled

Disabled

Unable to load the jQuery Sortable Tables feature.

Option	
File gallery	
Home file gallery (main file gallery)	
Description	
Storage	
Preserve filenames	
Path to the directory to store file gallery files	

Description

Storage of files of various formats to display or download,

Select the default file gallery

≣ No file gallery available (create one first)

≣ Hide | Show as a column | Show in popup box | Both

Specify if uploaded files should be stored in the database

≣ Store in database | Store in directory

Preserve original filename instead assigning a hash as nar

Specify a directory on this server, for example: /var/www/
directory.

Default

Enabled

1

Show in popup box

Store in database

Disabled

storage/fgal/

Option

Podcast directory

Rankings

File gallery comments

Display ZIP option in gallery

Allow download limit per file

Description

File system directory for storing podcast files
👆 *The server must be able to read/write the directory. Rea*

Users can view the
ÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢ÃƒÆ'Ã‚Â¢Ãƒâ€šÃ‚Â¢â€šÂ¬Ã…Â¡Ãƒâ€šÃ‚
or
ÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢ÃƒÆ'Ã‚Â¢Ãƒâ€šÃ‚Â¢â€šÂ¬Ã…Â¡Ãƒâ€šÃ‚
downloaded files.

Users with permission may post threaded comments. The

Users can upload a .zip (archive file). Tiki will automaticall

Default

files/

Disabled

Disabled

Disabled

Disabled

Option

Prevent download if score becomes negative

Allow file duplicates

Use jQuery upload

Batch uploading

Path

Require file creator's name for anonymous uploads

Description

If using Tiki Score system, users with a negative score car

Allow the same file to be uploaded more than once.

≣ Never | Yes, even in the same gallery | Only in different gallerie

Use the improved Tiki 15+ upload page

Direct import of local files into a file gallery. This method
to use a file directory as the file gallery storage when usin

☝ *To enable and use directory batch loading, set up a wel
with SCP, FTP, etc The server must be able to read the dir*

Default

Disabled

Yes, even in the same gallery

Enabled

Disabled

None

Disabled

Option

Automatic deletion of old files

Deletion emails notification

Keep the same fileId for the latest version of a file

Store user files in a file gallery

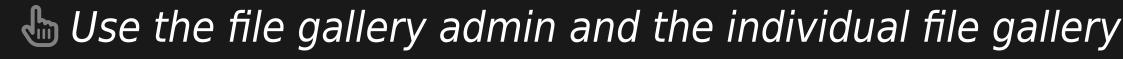Use file galleries for wiki attachments

Save files as drafts

File gallery configuration templates

Description

The user will have an option when uploading a file to spec
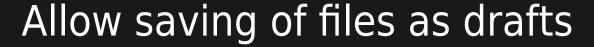⚠️ *A cron job must be set up in order to delete the files.*

Email addresses (comma-separated) to receive a copy of

If the checkbox is checked, the file ID of the latest version
version of the file is assigned its own file ID, so a link to th

👆 *Use the file gallery admin and the individual file gallery*

Wiki attachments will be stored in the file gallery. ⚗️

Allow saving of files as drafts

⚗️

Default

Disabled

None

Enabled

Disabled

Disabled

Disabled

Disabled

Option

Allow searching for existing files in the tracker files field

Set MIME type based on file suffix

Clean XML Always

Allow SVG file upload

Upload files from remote source

Remote source refresh frequency limit

Display controls to attempt a file refresh

Validate uploaded file content

Description

Search files using the search index.

Sets the MIME type of an image file according to the file su

Sanitize XML based files such as SVG for all users.

Because SVG files may contain malicious code and compr

Enable copying files to file galleries from a URL that will be

Minimum number of seconds to elapse between remote so
👆 *Set to zero to disable refresh*

Let users trigger a refresh attempt from the remote host.

Do not trust user input and open the files to verify their co

Default

Enabled

Disabled

Enabled

Disabled

Disabled

3600 seconds

Disabled

Enabled

Option

Redirect to file gallery

View or export office documents as PDF

Maximum width of file preview in pixels

Quota for all files and archives

Quota for each file gallery

Default quota for each new gallery

Description

If enabled, redirect all requests to images that were migra

If enabled allows to view documents without download or

The maximum value of width in pixels for the files preview

The total size of files uploaded to all the file galleries or to
file galleries under it. When the limit is reached, no more f
Mail notifications feature.)

👆 *0 for unlimited*

A different quota can be defined for each file gallery.

👆 *0 for unlimited*

Default

Disabled

Disabled

250

0 megabytes

Disabled

0 megabytes

Option

Must match

Cannot match

ffmpeg path

ffprobe path

unoconv path

unoconv timeout

Description

A regular expression that must be matched to accept the uploads must have a wordprocessing file extension, you c

A regular expression that, if matched, causes the file to be expressión is being used. If you donÃƒÆ’Ã†â€™ÃƒƒÂ¢€šÃ‚Â¢Ã regular expressions just leave the fields blank and all the

Path to the location of the ffmpeg binary

Path to the location of the ffprobe binary

Path to the location of the unoconv binary.

The maximum amount of time for unoconv to execute.

Default

None

None

/usr/bin/ffmpeg

/usr/bin/ffprobe

/usr/bin/unoconv

60 seconds

Option

unoconv port

ghostscript path

Alchemy Image library

Export diagram image on save

Use locally CasperJS to export images

Use draw.io public services to export images

Draw.io service endpoint

Use diagram compression by default

Description

unoconv running port.

Path to the location of the ghostscript binary.

Select either Image Magick or GD Graphics Library.
≣ Imagemagick (Extension not loaded) | GD

If enabled, diagrams will be cached in PNG format when sa

If enabled, diagrams can be exported using CasperJS.

When exporting PDFs, if this setting is enabled, diagram in

Configure the draw.io service endpoint to export the diagr

if this setting is enabled, diagram will use compression by

Default

2002

/usr/bin/gs

Imagemagick (Extension not ...

Enabled

Disabled

Disabled

https://convert.diagrams.ne...

Enabled

Option

Use RecordRTC to screen record

Description

if this setting is enabled, will use RecordRTC to record the

Default

Disabled

Unable to load the jQuery Sortable Tables feature.

Option

File gallery

Home file gallery (main file gallery)

Description

Storage

Description

Storage of files of various formats to display or download,

Select the default file gallery

≣ No file gallery available (create one first)

≣ Hide | Show as a column | Show in popup box | Both

Specify if uploaded files should be stored in the database

≣ Store in database | Store in directory

Default

Enabled

1

Show in popup box

Store in database

Option

Path to the directory to store file gallery files

Podcast directory

Rankings

File gallery comments

Description

Specify a directory on this server, for example: /var/www/
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File system directory for storing podcast files
☝ *The server must be able to read/write the directory. Re*

Users can view the
ÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢ÃƒÆ'Ã‚Â¢ÃƒÂ¢Ã¢â€šÂ¬Ã…Â¡Ãƒâ€šÃ‚
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downloaded files.

Users with permission may post threaded comments. The

Default

storage/fgal/

files/

Disabled

Disabled

Option

Display ZIP option in gallery

Allow download limit per file

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Description

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Default

Disabled

Disabled

Disabled

Yes, even in the same gallery

Enabled

Disabled

None

Option

Require file creator's name for anonymous uploads

Automatic deletion of old files

Deletion emails notification

Keep the same fileId for the latest version of a file

Store user files in a file gallery

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Wiki attachments will be stored in the file gallery. ⚗️

Allow saving of files as drafts

Default

Disabled

Disabled

None

Enabled

Disabled

Disabled

Disabled

Option

File gallery configuration templates

Allow searching for existing files in the tracker files field

Set MIME type based on file suffix

Clean XML Always

Allow SVG file upload

Upload files from remote source

Domains

Description

🧪

Search files using the search index.

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Enable copying files to file galleries from a URL that will be

Allowed domains
👆 *One domain per line*

Default

Disabled

Enabled

Disabled

Enabled

Disabled

Disabled

None

Option

Remote source refresh frequency limit

Display controls to attempt a file refresh

Validate uploaded file content

Redirect to file gallery

View or export office documents as PDF

Maximum width of file preview in pixels

Description

Minimum number of seconds to elapse between remote s

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Default

3600 seconds

Disabled

Enabled

Disabled

Disabled

250

Option

Quota for all files and archives

Quota for each file gallery

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Must match

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uploads must have a wordprocessing file extension, you c

Default

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Disabled

0 megabytes

None

Option

Cannot match

ffmpeg path

ffprobe path

unoconv path

unoconv timeout

unoconv port

ghostscript path

Description

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expression is being used. If you donÃƒÆ'Ã†â€™Ãƒâ€šÃ‚Â¢Ã
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Path to the location of the unoconv binary.

The maximum amount of time for unoconv to execute.

unoconv running port.

Path to the location of the ghostscript binary.

Default

None

/usr/bin/ffmpeg

/usr/bin/ffprobe

/usr/bin/unoconv

60 seconds

2002

/usr/bin/gs

Option

Alchemy Image library

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If enabled, diagrams will be cached in PNG format when sa

If enabled, diagrams can be exported using CasperJS.

When exporting PDFs, if this setting is enabled, diagram in

Configure the draw.io service endpoint to export the diagr

Default

Imagemagick (Extension not ...

Enabled

Disabled

Disabled

https://convert.diagrams.ne...

Unable to load the jQuery Sortable Tables feature.

SETUP PROCESS

UBUNTU

sudo add-apt-repository ppa:libreoffice/libreoffice-4-2 sudo apt install libreoffice sudo apt-get install ffmpeg sudo apt-get install

unoconv sudo apt-get install ghostscript sudo apt-get install php-imagick sudo apt-get install imagemagick

See also Ubuntu Install

THE LOCATION OF THE PATH SETTINGS IF NEEDED

Admin > File Galleries > General Settings

Settings for Media Alchemyst (with default):

ffmpeg path - /usr/bin/ffmpeg
ffprobe path - /usr/bin/ffprobe
unoconv path - /usr/bin/unoconv
ghostscript path - /usr/bin/gs
Alchemy Image library - ImageMagick

DOCUMENT TO IMAGE ISSUES

The Imagemagick security policy prevents PDF to image conversion.

In `/etc/ImageMagick-7/policy.xml` file, just before `</policymap>` add the following line.

```
<policy domain="coder" rights="read | write" pattern="PDF" />
```