EXT: rgmediaimages

Extension Key: **rgmediaimages**

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.com

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Introduction

What does it do?

This extension allows to insert video and mp3 files (flv, mp3) into the standard content element "**Text with Images**". You can also use a standalone plugin! This kind of content is able to be shown:

- Your own FLV & mp3 files with the highly configurable JW FLV Player from your website or a different one

- Videos with a playlist (as plugin only).

- MP3 files with the very nice player from 1pixelout http://www.rggooglemap.com/dev/rgmediaimages/einbindung-von-mp3s-mit-1-pixel-out-player.html

- Videos from the following video hosters: Youtube, Dailymotion, Metacafe, video.coogle.com, myVideo.de, clipfish, sevenload, LiveLeak,

- WMV (Windows Media Video)-Files , MOV (Quicktime)-Files, Podcasts

- MP4/RTMP-Streams

- Iframes, Normal content elements

- rgmediaimages is fully integrated in tt_news , and can be included in other extensions very easily.

Demo

Please take a look at the screenshots in the manual or at the demos on my website:

- In English: http://www.rggooglemap.com/en/dev/rgmediaimages.html
- In German: http://www.rggooglemap.com/dev/rgmediaimages.html

Screenshots
Please visit my website to get a better impression!

Image 1: A single FLV video inside "Text with Images", positioned "In text, right".

Image 2: 2 Videos from metacafe, 2 rows, positioned "In text, left"

Videos von Youtube II

Snickers Super Bowl Ad

Britney Spears Pepsi Superbowl Commercial

Nam ullamcorper. Sed pretium elit ac metus. Etiam diam justo, ultrices eget, commodo et, egestas in, sem. Ut ut lectus et lectus semper semper. Cras commodo. Morbi velit dui, molestie eget, ultrices a, rutrum id, diam. Vestibulum nec augue at est sollicitudin aliquam. Curabitur aliquet metus eget magna. Suspendisse sed ipsum. Nullam metus. Nulla hendrerit purus et diam rutrum egestas. Fusce molestie, odio sit amet consectetuer pulvinar, purus leo luctus libero, nec pretium felis nunc hendrerit augue. Aenean rutrum hendrerit ante. Sed vel libero. Vivamus luctus neque at ipsum. Vivamus dictum ultricies mi. Donec eget est. Nunc tristique.

Pellentesque nisl urna, feugiat ut, vehicula vitae, congue vitae, felis. Sed vestibulum. Aliquam non massa eu lacus lacinia vestibulum. Vivamus molestie, arcu at egestas sollicitudin, tellus nunc tempor sem, id mattis pede dolor sit amet arcu. Aliquam cursus pede id elit. Donec arcu nisi, imperdiet eget, semper id, nonummy in, nisl. Cras ac massa a dui varius hendrerit. Integer lorem metus, rhoncus eu, placerat quis, venenatis eget, ipsum. Duis tincidunt libero eu libero. Aliquam blandit. Suspendisse velit sapien, varius aliquam, suscipit ac, luctus a, lectus. Curabitur molestie faucibus arcu. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Proin elementum euismod odio.

Aliquam fringilla libero eu nibh. Ut cursus sem at felis. Sed gravida tortor quis nisi. Mauris interdum tincidunt nulla. Nullam mollis vestibulum quam.

Image 3: 2 Videos from youtube, 1 row, positioned "In text, left

Videos von Youtube III

Paul Pott - einfach genial   Hans Zimmer   Way back into love

Image 4: 3 Videos from youtube, 3 rows, positioned "Above, center"

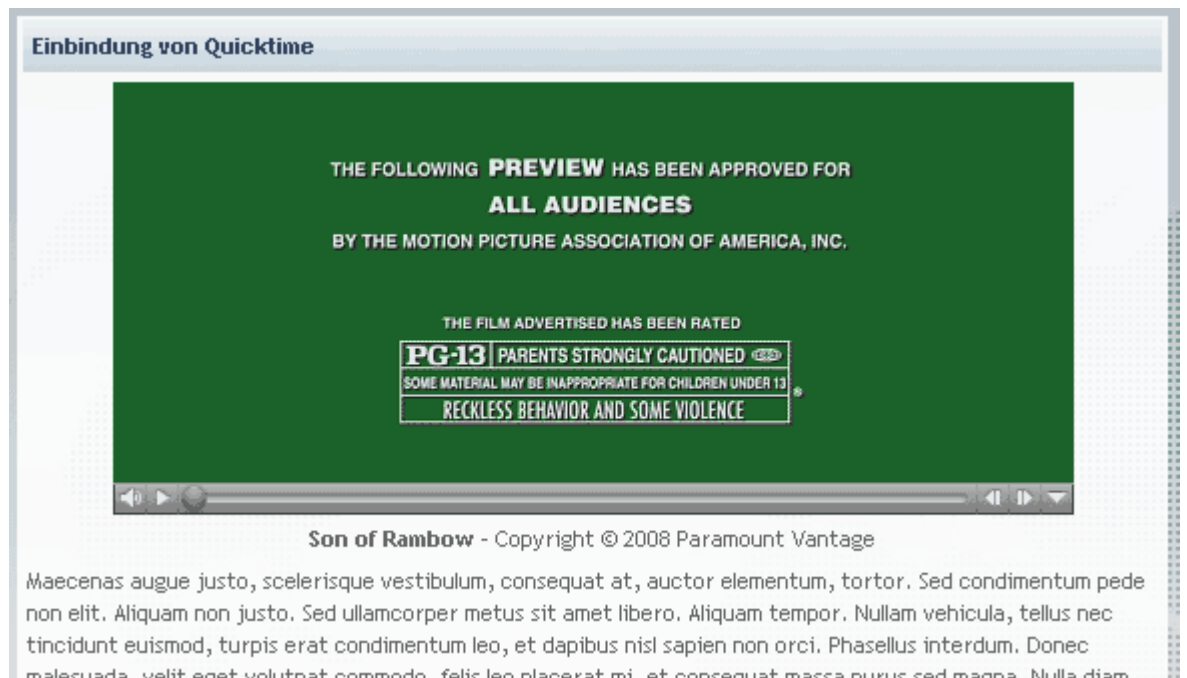**Image 5:** [Embed iframe], 1 row, positioned "In text, right"

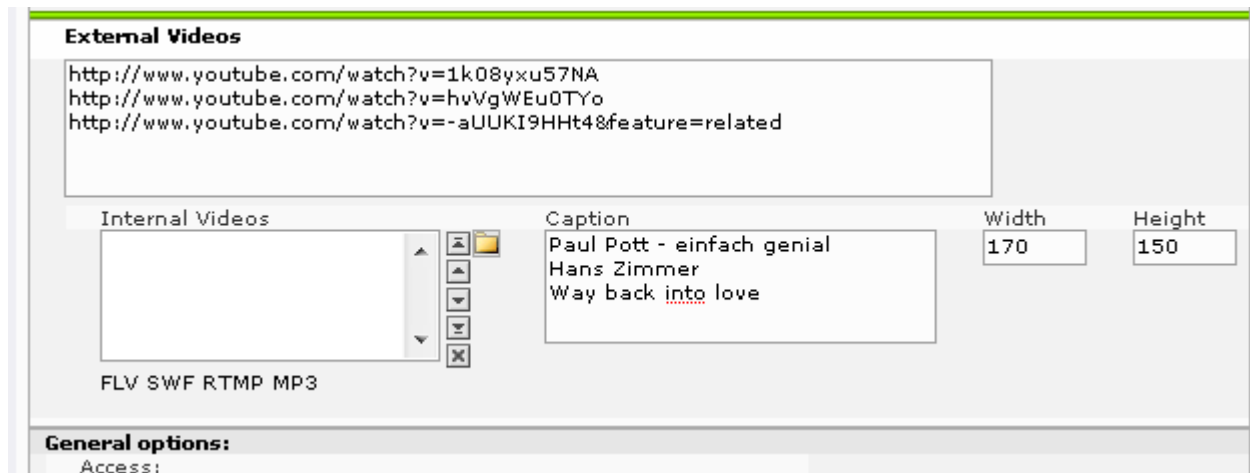**Image 6:** [Embed quicktime (mov) file], positioned "above, center"

Image 7: The settings inside a tt_news record to show 3 videos from youtube.

Image 8: 1pixelout-mp3 player inside a tt_news record, streaming external mp3 files from www.joho.at

Image 9: RTMP-Stream & Playlist

Image 10: Wizard to configure videos without knowing the exact variables

License Information!

The JW FLV player is licensed under a [Creative Commons License,](#) allowing you to use, modify and redistribute it for noncommercial purposes. For commercial use, please [order a license](#)!

Users manual

Follow these steps to use this extension:

Prerequisite / Installation on a TYPO3 < 4. 1.6

If you want to use this extension on a 4.1.5 or lower you have got 2 options:

- Update to the version 4.1.6 or 4.2. with a lot of other nice options and features! *or*

- You need to change some lines in a file of the core extension css_styled_content.
  Take this diff http://bugs.typo3.org/file_download.php?file_id=3502&type=bug or if you don't know what a diff is or how to apply it you just can take the already modified file from
  ext/rgmediaimages/res/class.tx_cssstyledcontent.pi1.php and override the file *typo3/sysext/css_styled_content/pi1/ class.tx_cssstyledcontent.pi1.php* but don't forget to make a backup!

  Follow the next steps in the following section.

Install the Extension

1. Install the extension with the Extension Manager

2. Include the static TS (from extension) in the template record (your root TS or make an ext. template just for the page where you want the extension be displayed).
   The steps for the real beginners are:

   1. Select your root/first page.

   2. Click in the menu on the left side "Template" and choose "Edit whole record".

   3. Scroll down until you see the the same thing as in the screenshot shown.

   4. Search for the "rgmediaimages" entry on the right side, click on it to get it on the left side.

   5. Press "Save" and you are done.
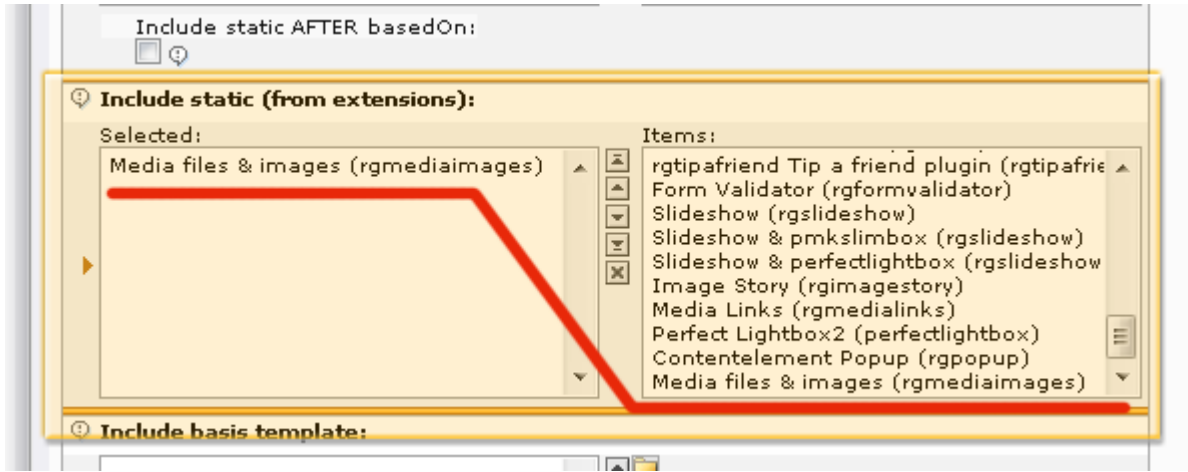
Use the Extension

1. You are done and you can now just upload flv & mp3 files inside the content element as you did always with the images.

2. IMPORTANT: You need to specify a width!!

Administration (JW FLV Player)

This section is only important if you want to show any flv or mp3 file using the JW FLV Player!

The FLV Player is highly configurable and there are 2 possibles where you can do this:

● Configure the FLV Player directly **inside the content element** using the field "Alternative text"
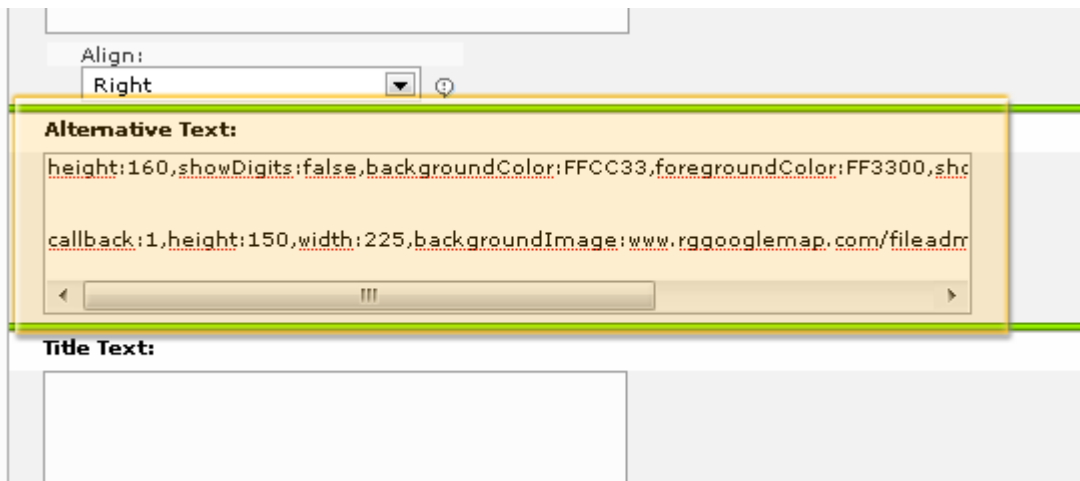
Just add all properties comma separated in the text field (each line stands for one file of the content element).

● Use the **constant editor** to configure all videos on your website or all videos of a part of the page tree.

Both ways follow the same syntax which is explained in the reference

Reference

These are all possible properties to configure the FLV player inside the content element "text with images". Most of the description has been taken from the [website of the developer](#).

Property:	Data type:	Description:	Default:
useSwfObject	boolean	Use the swfObject for the player instead of an emebed tag	1
width	string	Default width of the player	300
height	string	Default height of the player	250
backgroundColor	string	Backgroundcolor of the player	FFFFFF
backgroundImage	string	If you play MP3 of FLV files, you can use this flashvar to show a preview image or album cover. Use a url without the http:// !	
foregroundColor	string	Texts / buttons color of the player	000000
highlightColor	string	Rollover/ active color of the player	000000
screenColor	string	Color of the display background screen	000000
largeControlIBar	string	Set this to 1 to make the controlbar twice as large. This is useful to visually impaired users	0
logo	string	Set this to an image that can be put as a watermark logo in the top right corner of the display. Transparent PNG files give the best results Use a url without the http:// !	
showNavigation	boolean	Set this to 0 to hide the whole navigation	1
showDigits	string	Set this to false if you don't want the elapsed/remaining time to display in the controlbar of the players. Quite handy to save some space. Set it to "total" to show the total time instead of the remaining time. Possible options: true,false,total	true
showDownload	boolean	Set this to 1 to show a downloadbutton in the controlbar.	0
showEqualizer	boolean	Set to 1 to show a fake equalizer in the display. It adds a nice graphical touch when you are playing MP3 files.	0
showLoadPlay	boolean	Show or hide the play and activity icons in the middle of the display. If set to false, the overlaid controlbar will also hide with the players	1
showVolume	boolean	Set this to false to hide the volume button and save space.	1
autoStart	string	Set this to "true" to make the player automatically start playing when the page loads. If set to "muted", the player will autostart with the volume set to 0 and an unmute icon in the display. Possible options: true,false,muted	false
autoRepeat	string	By default, the players will stop playback after every item to preserve bandwidth (repeat=false). You can set this to "list" to playback all items in a playlist once, or to "true" to continuously playback your song/movie/playlist. (Playlists not yet supported) Possible options: false,true,list	false

volume	int	The default volume for playback of sounds/movies is 80, but you can set another startup value	80

[tsref:plugin.rgmediaimages]

Videos from Youtube are styleable too with 3 possible settings.

Property:	Data type:	Description:	Default:
youtubeBorder	boolean	Setting to 1 enables a border around the entire video player. The border's primary color can be set via the youtubeColor1 parameter	0
youtubeColor1	string	The primary border color	
youtubeColor2	string	youtubeColor2 is the video control bar background color and secondary border color.	

Examples
These are the settings for the 3 examples at my <u>website</u>:

Video I
`callback:1,showDownload:1,backgroundImage:`<u>`www.rggooglemap.com/fileadmin/upload/rgmimg1.jpg`</u>

Video II
`height:`
`160,showDigits:false,backgroundColor:FFCC33,foregroundColor:FF3300,showVolume:false,autorepeat:true`

mp3-File 1
`callback:1,height:150,width:225,backgroundImage:www.rggooglemap.com/fileadmin/upload/mp3bg.jpg`

Note that the callback is not available yet!

Administration (1pixelout mp3 player)
You can decide which player you want to take to play mp3 files:

- JW FLV Player: **Pro:** You can show an background image. **Con:** Doesn't look that nice
- 1pixelout Player: **Pro:** Looks very cool for mp3 files. **Con:** IMO none.

You can switch back to the JW FLV Player by setting this in the **Constants**

`plugin.rgmediaimages.use1PixelOut = 0`

Reference
These are all possible properties to configure the 1pixelout mp3 player inside a content element and inside tt_news. All you can configure are the colors which you should do inside the constant editor (except loop & autostart). Choose for configuration the dropdown item **"RGMEDIAIMAGESMP3"** in the constant editor.
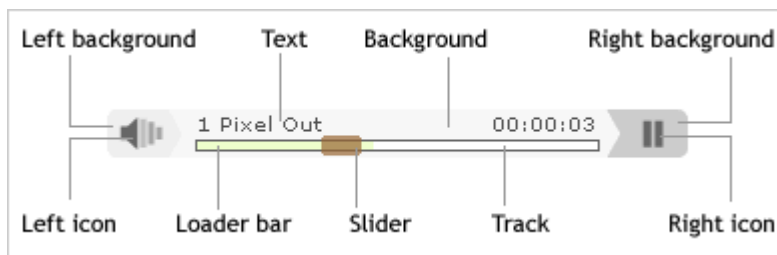
The configuration possibilities

Property:	Description:	Default:
width	Default width	290
height	Default height	24
loop	Will the audio file repeat automatically? Can be yes or no!	no
autostart	Will the audio file start to play without the player being clicked? Can be yes or no!	no
bg	Background color	f8f8f8
leftbg	Left background	eeeeee
lefticon	Left icon	666666
rightbg	Right background	cccccc
rightbghover	Hover right background	999999

righticon	Right icon	666666
righticonhover	Hover right icon	ffffff
text	Text	666666
slider	Slider	666666
track	Track	ffffff
border	Border of loading bar	666666
loader	Loader bar	9FFFB8

[tsref:plugin.rgmediaimagesMp3]

Administration (Video hosters, wmv, mov)

If you want to show videos from Youtube, Dailymotion, Metacafe or Video Google you are not able to configure much! So it is very easy!

Follow this steps

1. Whenever you want to display a video inside a content element, you need to select a dummy file with the file ending ".rgg" as a placeholder. This file can be empty (You can find a dummy file in EXT:rgmediaimages/res/dummy.rgg) .
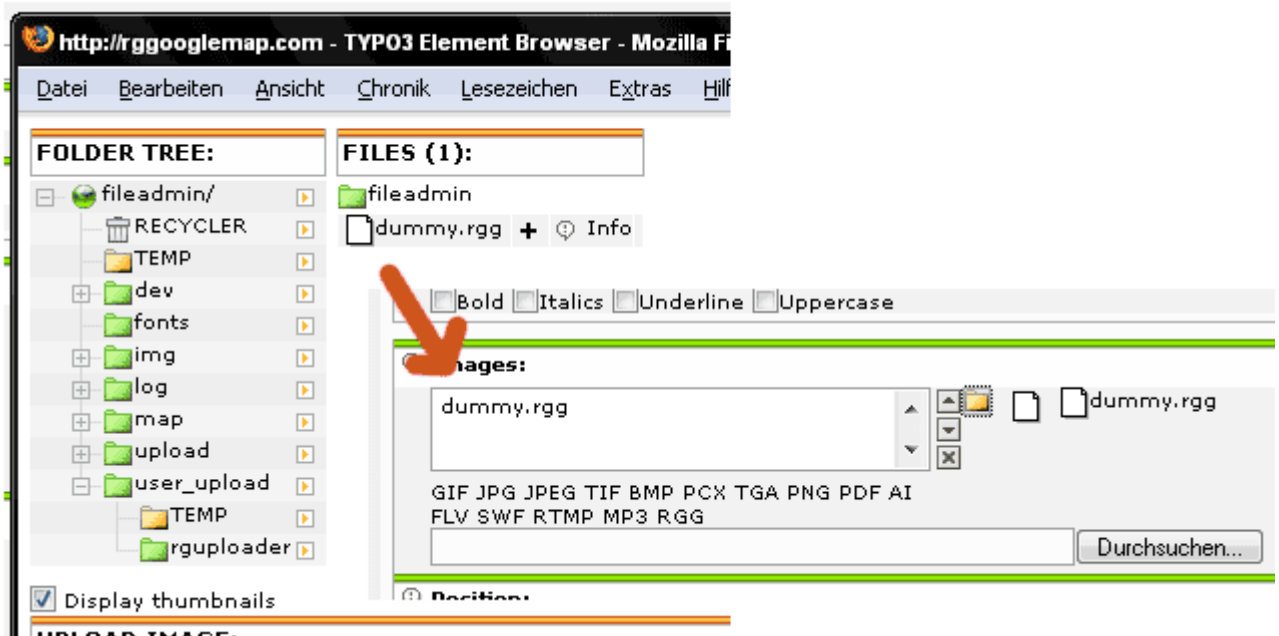
Add a placeholder/dummy file

2. Add the URL to the video in the "Alternative Text" field using the following syntax: **file:URL**
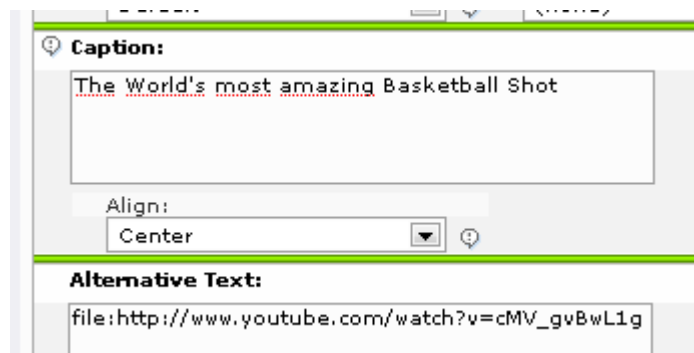
3. Add a height & width inside the content element. **This is mandatory**.

Administration (iframe & Content)

If you want to show a nested content or an iframe you need to follow this steps:

1. Step 1 from the section "Administration (Video hosters, wmv, mov)"

    ● **Iframe:** Use this syntax: file:iframeURL

    ● **Content elements**
      Use this syntax: file:tt_contentID
      ID stands for the uid of the content element

2. Add a height & width inside the content element. **This is mandatory**.

Administration (Plugin)

It is also possible to use a standalone plugin to show your media files which has the big advantage that you don't need any dummy file as in the content elements.

Image: The plugin of rgmediaimages

Insert the plugin in your page and choose in the dropdown what you want to show. 3 options are available:

● **External Files:** Choose this option to show external files. This are all files from foreign servers like youtube & co but can also be a FLV file on the server of your friend.

● **Internal Files:** Choose this option if you got your files somewhere inside your fileadmin-folder. Don't forget that the file will be copied to uploads/tx_rgmediaimages!

● **RTMP-Streams:** Use this option for RTMP-Streams or if you want to show a playlist.

Configuration

● To show **external media files** you just need to add the urls of the videos line by line. It is also possible to set a caption for every media file (also splitted line by line).

● **Internal files** are embedded in the same way as external files but you just need to select the files through the Element Browser

● If you want to use a **playlist** or the **RTMP-Streams** you add the urls line by line as in the external media files. The additional field "Description" can be used to set a description for a single media file.

Reference

Property:	Data type:	Description:	Default:
width	int	Default width of the videos.	
height	int	Default height of the videos.	
mode	string	The mode which is used. Available options are EXTERNAL, INTERNAL, RTMP	

caption	stdWrap	stdWrap-functionality for the single caption	`stdWrap.dataWrap = <div class="rgmediaimages-caption">|</div>`
singleMedia	stdWrap	stdWrap for the the video including the caption	`stdWrap.dataWrap = <div class="rgmediaimages-media" style="width: {field:tx_rgmediaimagesWidth}px ;">|</div>`
videoWrapIfAny	stdWrap	stdWrap for all videos in one plugin.	
external	string	A list of external urls to media files	
caption	string	The caption for the media files.	
swfobj	boolean	Usage of the SWF Object	
rtmp	string	The description for rtmp streams or playlists.	
pathToCSS	string	Path to a css file for styling	`EXT:rgmediaimages/res/styles.css`
use1PixelOut	boolean	Usage of the 1pixelout mp3 player instead of the JW FLW Player. For configuration of the player, take a look at the chapter Administration (1pixelout mp3 player). Same options. Usage like `plugin.tx_rgmediaimages_pi1.confmp3.bg = 000000`	`1`

[tsref:plugin.tx_rgmediaimages_pi1]

Additional information

The following data is available in TS for the stdWrap functions:

- tx_rgmediaimagesWidth: The width of the file

- tx_rgmediaimagesHeight: The height of the file

- tx_rgmediaimagesUrl: The url to the file (not available if RTMP is chosen).

Using the wizard

The wizard is a very handy tool to configure the media files you want to display on your website!

The steps you need the follow are:

1. Create a content element with some media files or dummy rgg-files and **save** it.

2. Click on the wizard icon next to the "Alternative Text" textarea:

3. You can now use the wizard

4. Press the save button when you are finished!

Every media file can be configured through the wizard by clicking at the green underlined category title and editing the options underneath it.

Extend the functionality

Hook

If you want to show your own content or manipulate the existing output you should use the existing hook of rgmediaimages. The hook holds all the relevant information you need.

```
# Hook
$video = $_procObj->extraMediaProcessor($video, $config, $width, $height, $originalUrl, $this);
```

Show Videos in a PopUp

This is a possible way to show videos in a popup.

Create a sysfolder with a new TS-Template like this

```
# TS-Code
page >
page = PAGE
page {
    typeNum = 0
    10 < styles.content.get
}
```

Create the pages

Create for every video a single page containing one content element "Text with media" with one video. Set a specific size and remember it. If you call this page in the frontend, you should just get the video (otherwise you did something wrong).

Link to the video

Enter the content element where you want to create the link, choose the link browser, set the size of the linked page and choose the page.

You are done!

FAQ

1. **Q:** Why do I need the .rgg files?
   A: This is a placeholder for the video, without it, you won't get anything

2. **Q:** Internet Explorer crashes with this extension. Why?
   A: You use an extension which uses Mootools? Please use t3mootools and be sure that window.addevent is included in the built library.

3. **Q:** I want to show videos from another website. What need I to do?
   A: 1st check if the videos can be embedded and then as the 2nd step modify the class.tx_rgmediaimages_fe.php to allow the new domain. 3rd please send me you modifications.

4. **Q:** Can I play FLV files also from other websites?
   A: Sure, add them like a wmv file or any other file!

You like the extension?

I really had much work with this extension so if you like this extension, you can do one or more of the following things:

– Write me a mail or create a posting at http://www.rggooglemap.com/en/dev/rgmediaimages.html .

– Please rate the extension in the Repository: http://typo3.org/extensions/ search for rgmediaimages, click on the title and then at "Ratings" (You need to be registered and logged in at typo3.org)

– Donate something, so that I can write those kind of extensions for you. More information is here: German: http://www.rggooglemap.com/menu/spende.html and English: http://www.rggooglemap.com/en/2/donate.html . Thanks!

One of those things is the least you can do for getting all those great extensions completely for free!

Known problems

- None yet, did I miss something? Tell me!

To-Do list

– Complete the callback to create a statistic.

– Optimize the blitzeinschlag-player including the playlist.

– Anything else?

Changelog

Take a look at the changelog file!