EXT: jpCarousel

Extension Key: jpcarousel

Language: en

Keywords: forEditors, forAdmins, forBeginners, forIntermediates

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

Table of Contents

Introduction

What does it do?

This extension rocks. It provides an animated carousel or slider based on jQuery.carouFredSel. For images (photo gallery / slideshow), content elements (tt_content) and unordered list items, which allows to show records of extensions like tt_news. Optional click enlarge with PMK Shadowbox, jQuery Colorbox (RzColorbox), PerfectLightbox or SK_Fancybox. Optional T3 jQuery integration. Full configuration via constant editor and flexforms with lots of options. Works out of the box, but you can also make very different implementations.

Version 2.0, your imagination is the limit

jpCarousel has been updated and uses now Caroufredsel 5.3.0. Many new features have been implemented like new default layout, pagination, transition effects e.g. fade and advanced configuration.

You can now make virtually any slideshow, gallery, newsticker, slider whatever. Your imagination is the limit! For cool inspiration and help with HTML, CSS and additional jQuery check :
http://coolcarousels.frebsite.nl/ and all pages under http://caroufredsel.frebsite.nl/examples/basic-carousels.php

Version 2 is not entirely compatible with 1.x. Read faq / changelog.

License

The jQuery script is developed by Fred Heusschen and licenced under the MIT licence. His other work can be examined at http://www.frebsite.nl/

Thanks to

Many thanks to Fred Heusschen for his kind attention and requested improvements on the javascript plugin, which made it possible to use lightbox without problems – which the other jQuery carousels all seem to suffer from, because of disappearing list items etc.

Thanks to Robbert Streng for his advice on jQuery, puzzling on the script and lots of support.

Thanks to Patrick Broens for support.

Screenshots

Vestibulum gravida libero id diam tincidunt

Proin nec arcu ut diam venenatis suscipit non nec risus. Nam egestas tempus turpis dictum tempor. Phasellus ante felis, congue eget congue nec, lacinia in tellus. Quisque faucibus urna in nisl fringilla sed varius quam viverra.
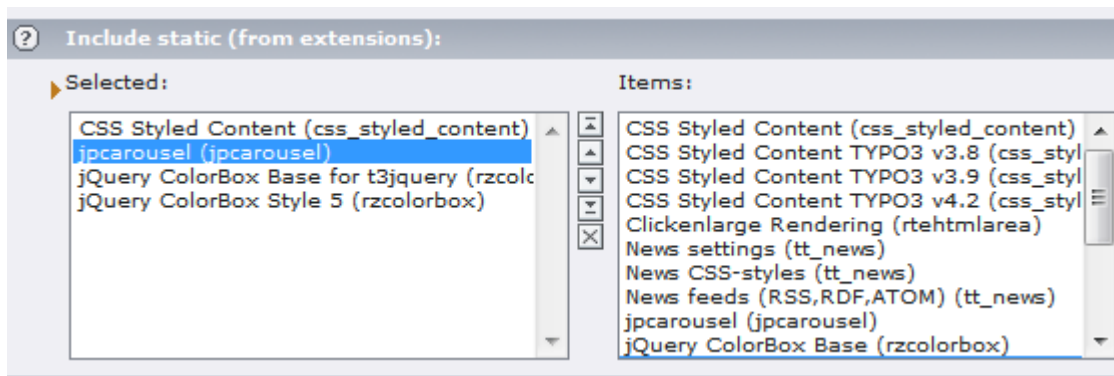
1 2 3 4

Users manual

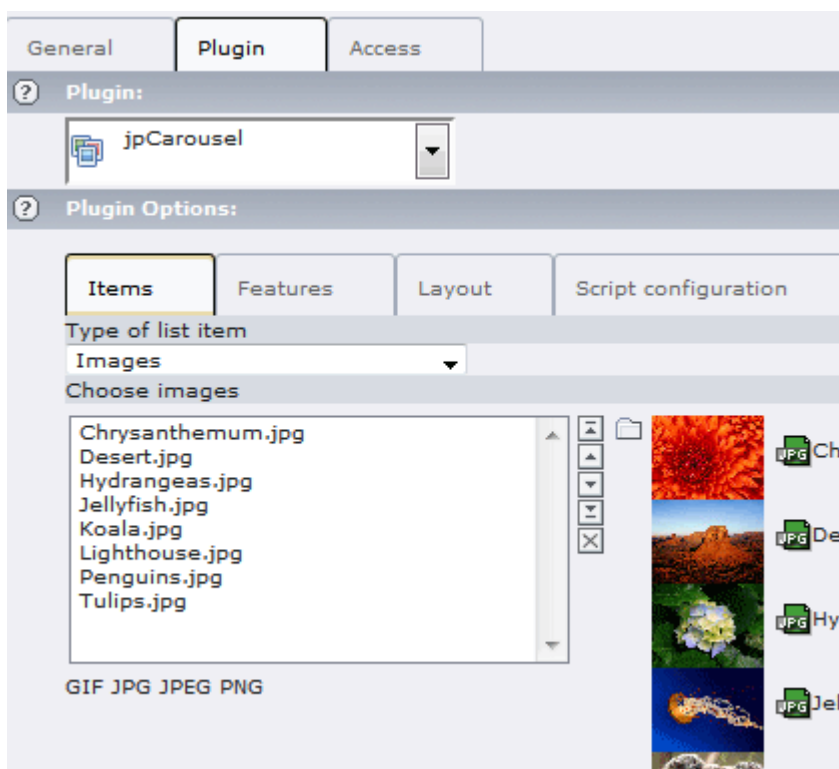Install extension like a regular extension.

Include static template.

Insert plugin in the page like a regular plugin.

Choose in the flexform under "Type of list item" if you want images, content elements or a content element with an unordered list with items.

Images : pretty easy, just upload some via the Filelist and choose them.

Content elements : make a sysfolder in the pagetree and create there some regular content elements. Than pick them under "Choose content elements" like the images.

Content element with list items. Choose the content element which outputs an unordered list. So if you want to show for example a latest view of tt_news articles, create a tt_news template which outputs the articles in an
<ul class="jpcarousel">
article1
article2 etc. .

Configure the features, layout and script as you like under the other tabs. If you do not configure further, the defaults from the constant editor are taken. The plugin works out of the box without configuration.

Administration

Installation description at Users manual.

In the extension is included the normal TYPO3 javascript popup for images, but you can also choose between 4 lightboxes :

PMKshadowbox

jpCarousel checks if the extension PMKshadowbox is installed. Just import and install PMKshadowbox, include it's static template. And it should work.
According to the PMKshadowbox manual you might want to add the constant
plugin.pmkshadowbox.jsFramework = EXT:jpcarousel/res/scripts/jquery-1.4.2-1.8.0-1.1.2.js
or
plugin.pmkshadowbox.jsFramework = jQuery
But I don't see any difference when not added, it seems to work together ok without conflicts or warnings. Also when T3 jQuery is used.
When "Activate click enlarge" is checked in the flexform, clicking on an image will show a larger image in a nice lightbox.

Rzcolorbox (jQuery Colorbox)

jpCarousel checks if the extension rzcolorbox is installed. Just import and install rzcolorbox, include the static templates like in the image displayed in the Users manual section before.

To avoid having multiple jQuery libs loaded in the source, which can result in unexpected errors and for example warnings in Internet Explorer, it is advised to use T3jQuery.
When "Activate click enlarge" is checked in the flexform, clicking on an image will show a larger image in a nice lightbox.
On Rzcolorbox, the images in the carousel might get a bit displaced in horizontal position, after closing the lightbox.

Perfect Lightbox

Also just install and include static template.

FancyBox (sk_fancybox)

Also just install and include static template.

T3jQuery

When using multiple jQuery applications, import and install T3jQuery extension. From the TYPO3 menu under Admin tools choose T3 jQuery and "Process & Analyse t3jquery in extensions".
After that click Merge & Use, than Create jQuery library.

JpCarousel and rzcolorbox will now use the generated jQuery lib instead of their own.

Note : this seems not to be necessary when only using jpCarousel and PMKshadowbox, and no other jQuery applications.

jQuery Setup

Versions in use: jQuery 1.4.2 / UI 1.8.0   Process & Analyze t3jquery.txt in extensions ▾

FIND THE JQUERY COMPONENTS YOU NEED

Select the extensions you want processed and checked for jQuery dependencies.

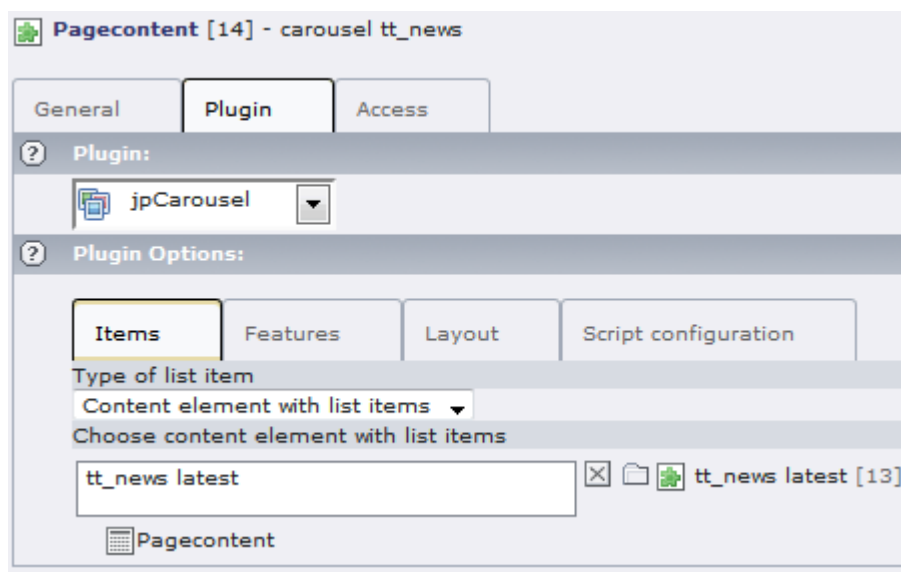| Title:	Extension Key:	Version:
☑ jpCarousel	jpcarousel	0.0.0
☑ jQuery Colorbox	rzcolorbox	1.0.8

Select all   Deselect all   Check

Showing output from custom content or extensions like tt_news

It's very easy to show other content than images or regular tt_content. Choose "Content element with list items" and refer to a record which produces an unordered list, for example a latest view from tt_news. You could put the tt_news plugin content element in a sysfolder.

For example tt_news, adjust the tt_news HTML template and make something like this of it. Just make sure <ul class="jpcarousel"> and are in it and all the list items are wrapped with article bla

Note that an id is not necessary anymore since 1.2.0, so the same template can now be re-used on other pages.

```
 1 <!-- ###TEMPLATE_LATEST### begin
 2   This is the template for the latest news, typically displayed on a frontpage
 3 -->
 4 <div class="news-latest-container">
 5 <ul class="jpcarousel">
 6   <!-- ###CONTENT### begin
 7       This is the part of the template substituted with the list of news:
 8   -->
 9     <!-- ###NEWS### begin
10       Template for a single item
11     -->
12  <li>
13 <div class="news-latest-item">
14         <!--###LINK_ITEM###-->###NEWS_IMAGE###<!--###LINK_ITEM###-->
15        <h2><!--###LINK_ITEM###-->###NEWS_TITLE###<!--###LINK_ITEM###--></h2>
16       <div class="news-latest-item-bla"><span class="news-latest-item-
   subheader">###NEWS_SUBHEADER###</span>
17       <div class="news-latest-morelink"><!--###LINK_ITEM###-->###MORE###<!--
   ###LINK_ITEM###--></div></div>
18 </div>
19 </li>
20     <!-- ###NEWS### end-->
21
22   <!-- ###CONTENT###  end -->
23 </ul>
24 </div>
25 <!-- ###TEMPLATE_LATEST### end -->
```

Example cool tt_news carousel with sliding teaser

This is a guide how to recreate the cool tt_news carousel of page 4. Also read the section before.

1. **Create a seperate tt_news template and adjust latest news.**

```
<!-- ###TEMPLATE_LATEST### begin
 This is the template for the latest news, typically displayed on a frontpage
-->
<div class="news-latest-container">
<ul class="jpcarousel">
<!-- ###CONTENT### begin
This is the part of the template substituted with the list of news:
-->
<!-- ###NEWS### begin Template for a single item -->
<li><div class="news-latest-item">
<!--###LINK_ITEM###-->###NEWS_IMAGE###<!--###LINK_ITEM###--> <div class="news-latest-item-text">
<h2><!--###LINK_ITEM###-->###NEWS_TITLE###<!--###LINK_ITEM###--></h2>
<span class="news-latest-item-subheader">###NEWS_SUBHEADER###</span> </div>
</div>
</li>
<!-- ###NEWS### end-->
<!-- ###CONTENT###  end →
</ul>
</div>
<!-- ###TEMPLATE_LATEST### end →
```

2. **Add jpcarousel as explained before.**

General	Plugin	Appearance	Access	Behaviour

Selected Plugin

jpCarousel

Plugin Options

Items	Features	Layout	Script configuration	Advanced configuration

Width carousel container in pixels

690

Height carousel container in pixels

530

Background-color of the carousel

Slide item max width pixels

670

Slide item max height pixels

510

Path to template file

Include CSS (for example not again for second carousel on same page)

☑

Path to CSS file

fileadmin/templates/styles/jpcarousel_ttnews.css

Page (

Items	Features	Layout	Script configuration	Advanced configuration

Autoplay

☐

Pagination:Should the carousel show pagination buttons.

☑

Autoplay pause duration in milliseconds

4000

Animation speed in milliseconds

Transition effect

scroll ▼

Easing method for sliding

▼

Direction of the carousel

▼

Circular sliding

☑

Pause on hover

☑

Number of visible items

1

Scroll number of items

1

Buttons scroll number of items

1

Buttons animation speed

Buttons easing methode

▼

Items	Features	Layout	Script configuration	Advanced configuration

Before start: Additional function that is called right before the carousel starts scrolling.

```
function() {$(this).find(".news-latest-item-text").slideUp('fast');}
```

After end: Additional function that is called right after the carousel stops scrolling.

```
function() {$(this).find(".news-latest-item-text").slideDown('slow');}
```

Additional configuration: See http://caroufredsel.frebsite.nl/configuration.php Start code with ,

Additional jQuery

Page (

3. **Add CSS**
   In this example it is fileadmin/templates/styles/jpcarousel_ttnews.css

   You can copy this file from the extension and set it in your fileadmin, it is in the typo3conf/ext/jpcarousel/res/css/ folder.

   Also copy popupBG.png from img folder and adjust path in CSS. This transparant bg for the tt_news teaser is used instead of rgba or opacity to stay compatible with Internet Explorer 7.

   Note that Internet Explorer does not support shadow. You could fix this with for example http://css3pie.com/
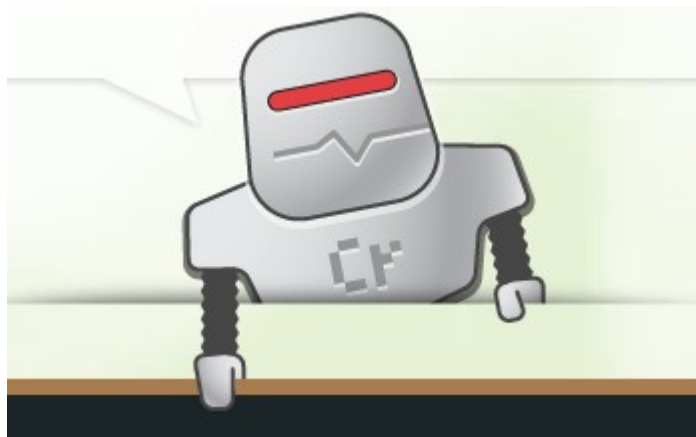
Custom implementations, oh yeah!

On the demo pages of Fred you can see some very cool examples. Many of them you can recreate inTYPO3 with jpCarousel. For the things you cannot configure only in the flexform, HTML template or CSS, the constant and flexform options "Before start, After End, Addtional configuration and Additional jQuery" are added. See constants reference.

http://caroufredsel.frebsite.nl/examples/basic-carousels.php

http://coolcarousels.frebsite.nl/

For help you could also use his cool robot assistent http://caroufredsel.frebsite.nl/configuration-robot.php

Configuration

All configuration can be done via the constant editor or by the flexform on the page where the plugin is added.

Reference

Constant:	Data type:	Description:	Default:
popup	boolean	Click enlarges an image in a Lightbox window if extension rzcolorbox is installed, else shows image in a Javascript popup window. Ignored this release, value of the flexform is used.	1
useButtons	boolean	Show buttons to control jpCarousel. Ignored this release, value of the flexform is used.	1
showTitle	boolean	This shows the Title of the jCarousel record. Ignored this release, value of the flexform is used.	1
altTitlePreviousButton	string	Alt / Title Previous Button Shows this text on the tooltip when hovering over the previous button.	Previous
altTitleNextButton	string	Alt / Title Next Button Shows this text on the tooltip when hovering over the next button.	Next
carouselWidth	string	Width carousel container in pixels	740
carouselHeight	string	Height carousel container in pixels	230
carouselBgColor	color	Background-color of the carousel	#333333
itemMaxW	string	Slide item max width pixels	200
itemMaxH	string	Slide item max height pixels	150
popup_maxW	string	Popup image max width pixels	800
popup_maxH	string	Popup image max height pixels	0
file	file[html,htm,txt,tmpl]	Path to HTM template file	EXT:jpcarousel/res/template.html
pathToJquery	file[js]	Path to jQuery Delete when jQuery is allready loaded. When using T3 jQuery, this will automatically not be used. When using T3 jQuery, remember to proces T3 jQuery, merge and create the custom jQuery lib.	EXT:jpcarousel/res/scripts/jquery-1.8.2.min.js
pathToJPcarouselJS	file[js]	Path to JS script file.	EXT:jpcarousel/res/scripts/jquery.carouFredSel-5.3.0-packed.js
pathToJPcarouselCSS	file[css]	Path to CSS file. Copy and paste this file in the fileadmin, if you want to edit it and make your own design.	EXT:jpcarousel/res/css/jpcarousel.css
autoPlay	boolean	Autoplay, should the carousel slide automatically. Ignored this release, value of the flexform is used.	1
pagination	Boolean	Show numbers of slide to paginate with	1
pauseDuration	int+	The amount of milliseconds before the carousel will be scrolled again.	1500
speed	int+	The duration of the animation in milliseconds.	700
fx	options	Type of transition between slides, like fade. Does of course not work together with easing.	scroll
easing	options	The type of animation. Used are the jQuery easing methods. Use dropdown to play with the effects. See all effect examples live at http://gsgd.co.uk/sandbox/jquery/easing/	swing
direction	options	Direction of the carousel. You might want to adjust the carouselWidth and carouselHeight when choosing up or down.	right
circular	boolean	Setting it to true enables circular navigation. This means, if clicking "next" after reaching the last element, the carousel will automatically slide to the first element and vice versa. Ignored this release, value of the flexform is used.	1
infinite	boolean	Determines whether the carousel should be infinite. Note: It is possible to create a non-circular, infinite carousel, but it is not possible to create a circular, non-infinite carousel. Ignored this release, value of the flexform is used.	1

Constant:	Data type:	Description:	Default:
pauseOnHover	boolean	Carousel pauses on mouse hover, if the carousel scrolls automatically. Ignored this release, value of the flexform is used.	1
visible	float	This specifies the number of items visible at all times within the carousel.	3
start	int+	From which item the carousel should start. The first item in the carousel is 0.	0
scroll	float	The number of items to scroll. If "0", the number of visibleItems is taken.	1
beforeStart	string	Function that will be called right before the carousel starts scrolling. This function receives 4 parameters: oldItems: a jQuery-object of the items that are visible before scrolling. newItems: a jQuery-object of the items that will be visible after scrolling. newSizes: a map of the new sizes of the carousel: newSizes.width and newSizes.height duration: the duration of the transition. See for examples and configuration http://caroufredsel.frebsite.nl/ Example used in the cool tt_news implementation : function() {$(this).find(".news-latest-item-text").slideUp('fast');} Each time the carousel slides, the teaser text is slided up. *Don't put empty spaces or empty lines here!*	
afterEnd	string	Idem but after the carousel finished scrolling Example used in the cool tt_news implementation : function() {$(this).find(".news-latest-item-text").slideDown('slow');}	

extraConfig	string	Extra configuration. You can see in the source of your webpage which configuration options from http://caroufredsel.frebsite.nl/code-examples/configuration.php are included via jpCarousel. Since there are many configuration options in CarouFredel I didn't feel to implement them all in a huge flexform. If you want to add more you configuration can do that easily here. Make sure you put a , before.
		
		Example to let previous and next buttons fade the current slide to the next (or previous) :
		
		,prev : {
		    fx : fade
		}
		,next: {
		    fx :fade
		}
		Don't put empty spaces or empty lines here!	

extraJs	string	Additional jQuery.
		
		Example for the cool tt_news implementation. This will let a mouse hover slide the tt_news teaser text.
		
		.find(".news-latest-item").hover(
		        function() { $(this).find(".news-latest-item-text").slideDown(); },
		        function() { $(this).find(".news-latest-item-text").slideUp(); }
		)
		
		Don't put empty spaces or empty lines here!	

buttonsScroll	float	The number of items to scroll when clicking a button.	2
buttonsSpeed	int+	Buttons animation speed in milliseconds	400
buttonsEasing	options	See easing but than when clicking a button.	swing

plugin.tx_jpcarousel_pi1

Fields in the flexform

Most constants can also be set in the flexform which will override any settings made in the constant editor.

Using this extension?

If you use this extension on a commercial project consider a donation so I can build and maintain this and other extensions for you.

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=A63BLCPGU54TC

You can also please mail me to show off your implementation :)

FAQ

- **It doesn't work and / or I get weird javascript errors after installing this extension.**
  Don't mix different libraries like Mootools, Dojo, jQuery, Prototype. Only load a js library once. Check your extensions if they use javascript. If you for example would install the Powermail extension chances are something don't work. At the moment of this writing, Powermail still has no support for jQuery. http://www.training-typo3.com/2010/05/21/getting-rid-of-the-javascript-in-powermail/

  Update 21/7 the extension is now written in noconflict mode. This should enable to use this extension together with other libs.

- **How can I change the looks?**
  Copy the HTML and CSS file to the fileadmin, change their paths in the constants and change them to your wish. See reference.

- **I want to use another lightbox than RZcolorbox or PMKshadowbox**
  Make a request on Forge and maybe I add support for it.

- **It's buggy or the default layout gives problems on certain browsers**
  If you think something is wrong, please email me or make an issue on Forge.

- **I made a translation can you add it?**
  Sure, email the new xml's or put on Forge and I will add it.

- **Can you build this and that into it?**
  If you want some nice feature, you can try make a request on Forge. Commercial support by email. If you want more possibilities in the jQuery script you can try to contact the creator of it, maybe he wants to do commercial support. See introduction.

- **Man, I like this extension.**
  Cool, it was made as a fun and learning project. Leave a rating and some reaction in the repository.

- **Forge url**
  http://forge.typo3.org/projects/extension-jpcarousel

- **Manual**
  Please someone explain me why the online version of this manual does not look 100% good in repository..

- **Controls on multiple carousels 1.1.x**
  If you put multiple carousels with buttons on a page, the buttons will controll all carousels. This will be fixed on a next release (see to do list).

- **Upgrading from 1.0.5 to 1.1.x?**
  Some things have changed :

  * links are now possible on images, example : www.cnn.com, 2 _blank, 3,7,16, jacco@id-internetservices.com,2,www.google.com _blank

  * In the CSS and source jpcarousel the id of the <ul> has become "jpcarousel7" which means "jpcarousel"+ UID of the content element. This to allow multiple carousels on 1 page. In the CSS jpcarousel has become a class instead of an id. This means custom CSS and the template for other applications like tt_news need to be adjusted.

  *captions are added on images!

- **Upgrading from 1.1.x to 1.2.x?**
  Some things have changed, see changelog.

  * List items like tt_news template can be simpler now

  * The main template is different now, the dynamic inline styling of the container has moved to the CSS in the head

of the page.

* A checkbox is added in the Flexform to prevent loading general jpCarousel CSS again when having multiple carousels on 1 page. Therefor save placed plugins from earlier jpCarousel versions again!

* jpCarousel 1.2.x + depends on having TYPO3's own unique DIV id's which are surrounding each content element. They look like <div id="c49" class="csc-default">. If they are switched off, jpCarousel will not work correctly!

- **Version 2.0**
  The javascript source has been upgraded to Caroufredsel 5.3.0. Some things have changed see changelog.

  * The HTML template has changed to include pagination, so verify this when upgrading
  * Flexform and constant editor have changed and some more fields.
  * Pagination is now possible.
  * Make advanced configuration now with code-examples from http://caroufredsel.frebsite.nl/

Known problems

See FAQ

To-Do list

– Animated Captions

– Upgrade to new version of jQuery.carouFredSel. These new features look really cool but seem to be a bit of work to
  implement them in PHP, so maybe in the near future.

ChangeLog

Version	Changes:
2.0.3	- Fixed a bug. Sometimes clear.gif at the buttons was not loaded. This is changed in the class. - Updated jQuery lib to 1.8.2. - jSwing is renamed to Swing since jQuery 1.7+, so this is changed. So use jQuery 1.7+
2.0.2	- Changed $ in jQuery to avoid javascript conflicts
2.0.1	- Fixed a bug which prevented correct number of items visible and items scrolling on vertical sliding. Also the height of the (vertical) carousel was affected by this. - Added infinite option
2.0.0	- upgrade to Caroufredsel 5.3.0 - lot's of new Caroufredsel config possibilities, see http://caroufredsel.frebsite.nl/code-examples/configuration.php - pagination is added - fx slide transition is added, like fade, crossfade, cover - Advanced configuration possible now in extra flexform tab, see constant reference - Added an example of a slick tt_news slider - iE7 is still supported - beforeStart and afterEnd now work - Extra config possible see constant reference and Fred's site for examples - Additional custom jQuery possible see constant reference and Fred's site
1.2.2	- Small update manual
1.2.1	- Re-upload : 1.2.0 did not get uploaded correctly on TER - Setting status to stable
1.2.0	- Added support for Perfect Lightbox, requested by Emile Blume - Added support for sk_fancybox, requested by Andre Zitterbart - All JS and CSS is now included via the pagerenderer and compressed - All JS now is loaded in the footer, requested by Riccardo DeContardi - Fixed HTML valid code ending IMG tag of prev and next button with / , reported by Emile Blume and Dawid Szymcak - Buttons of multiple carousels on 1 page now operate independent - Sizes of multiple carousels on 1 page and the images can now be different - Flexform option added for multiple carousels on 1 page to not load again general CSS - Inline style CSS for container moved to head - External list items like tt_news do not need unique id anymore in the template, suggested by Alexander Grein (thx for your thoughts and your own examples on this!) - Check FAQ before upgrade
1.1.1	- Small update manual
1.1.0	- Images can now have links - Multiple carousels can be placed on 1 page - Captions added - Fixed a bug which did not show alts and titles on image carousels without click enlarge. - Check FAQ before upgrade
1.0.5	- Bug fix. Locallang.xml had a syntax error, reported by Janosch Skrobek. - Improved German translation, thx to Janosch Skrobek.
1.0.4	- German translation added, thx to Andi Becker - Cleaned php class of some hidden characters which caused problems on Apple, thx to Christian Frisch and Janosch Skrobek
1.0.3	- Small update of manual
1.0.2	- NoConflict mode for jQuery inserted in head, thx to Sébastian Delcroix - Update manual - French translation added, thx to Sébastian Delcroix - Polish translation added, thx to Leszek Ł.
1.0.1	- Setting status to beta, small manual adjustments
1.0.0	- Initial release