

Slick - jQuery Carousel

Slick carousel by Ken Wheeler. Fully responsive. Scales with its container. Separate settings per breakpoint. Uses CSS3 when available. Fully functional when not. Swipe enabled. Or disabled, if you prefer. Desktop mouse dragging. Infinite looping. Fully accessible with arrow key navigation. Add, remove, filter & unfilter slides. Autoplay, dots, arrows, callbacks, etc ...



Version: 0.1.0, 2014-08-05

Extension Key: slick

Language: en

Keywords: slick, jquery, carousel, slider

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Screen Shots

Frontend

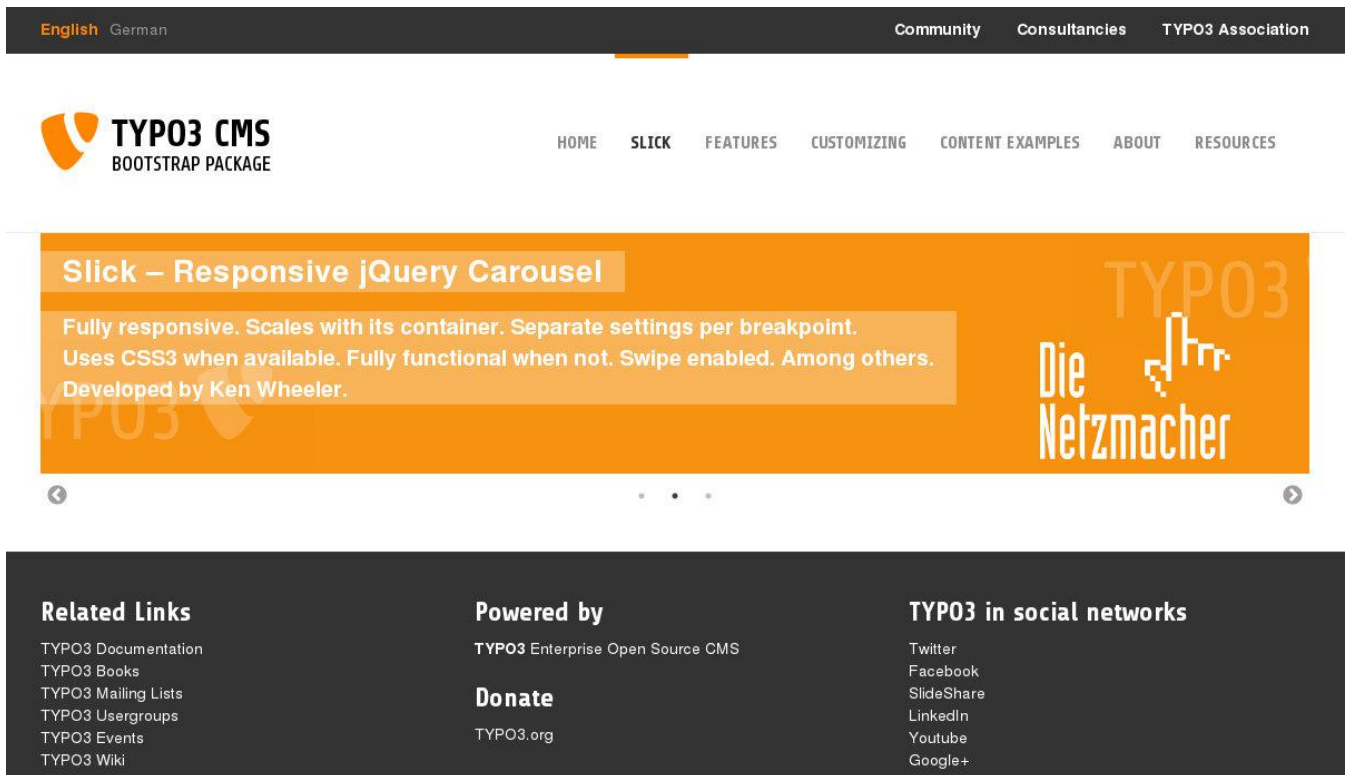


Illustration 1: Slick Carousel Example (based on the TYPO3 Introduction Package and Introduction Plus)

See details at the section

- "Slick Carousel" on page 6 below.

Slick Samples

Ken Wheeler, the developer of Slick, provides samples, code snippets and the configuration of slick at

- <http://kenwheeler.github.io/slick/>

See illustration on the right hand.



Illustration 2: Slick online samples

Introduction

What does it do?

Slick integrates the Slick Carousel of Ken Wheeler¹ into TYPO3.

The Slick Carousel is

- Fully responsive
- Scales with its container
- Separate settings per breakpoint
- Uses CSS3 when available. Fully functional when not.
- Swipe enabled. Or disabled, if you prefer.
- Desktop mouse dragging.
- Infinite looping.
- Fully accessible with arrow key navigation.
- Add, remove, filter & unfilter slides.
- Autoplay, dots, arrows, callbacks, etc ...

TYPO3 Slick

- provides both content elements
 - Slick Carousel and
 - Slick Item
- supports the single item slick ready-to-use.
- You can use every TYPO3 content element for your Slick Carousel.

What do you need?

- TYPO3 6.0 or higher.
- A jQuery library like t3jquery.
- If you like to use Slick ready-to-use, your page object must be called page (page = PAGE).
- You don't need to know anything about JavaScript and jQuery.
But if you want to use all features of the Slick Carousel you have to be familiar with JavaScript and jQuery.

¹ See: <http://kenwheeler.github.io/slick/>

Install

Install Slick.

Add a Folder for your Slick Items

- Add a folder for your Slick items.
- Call the folder "Slick Items".
- Replace the default folder icon with the Slick icon:
 - Page properties of your folder
 - [Behaviour] > field "Contains Plugin": [Slick]

Add some Content Elements to this folder

- New record: Page content
- [General] > field "Type": [Slick Item]¹
- Enter
 - [General] Header: Header
 - [General] Text
 - [Images] Image (one only)
- If you like, please set links
 - [General] Header: Link
 - [General] Text (please use the link wizard)
 - [Images] Image Metadata: Link

If you need more properties for your carousel item in the frontend, please switch to another content element like "text & images".

Place the Slick Carousel

The Slick Carousel is a content element. You can place it everywhere on your website.

- New record: Page content
- [General] > field "Type": [Slick Carousel]
- Enter
 - Name (not visible in the frontend): Slick Carousel
 - Records
 - Please link to each record of the folder "Slick Items"²

¹ You may select every type, but the type "Slick Item" is optimised for the Slick Carousel

² You may link to each content element everywhere on you website.

Slick Carousel

The Slick Carousel can manage every content element.

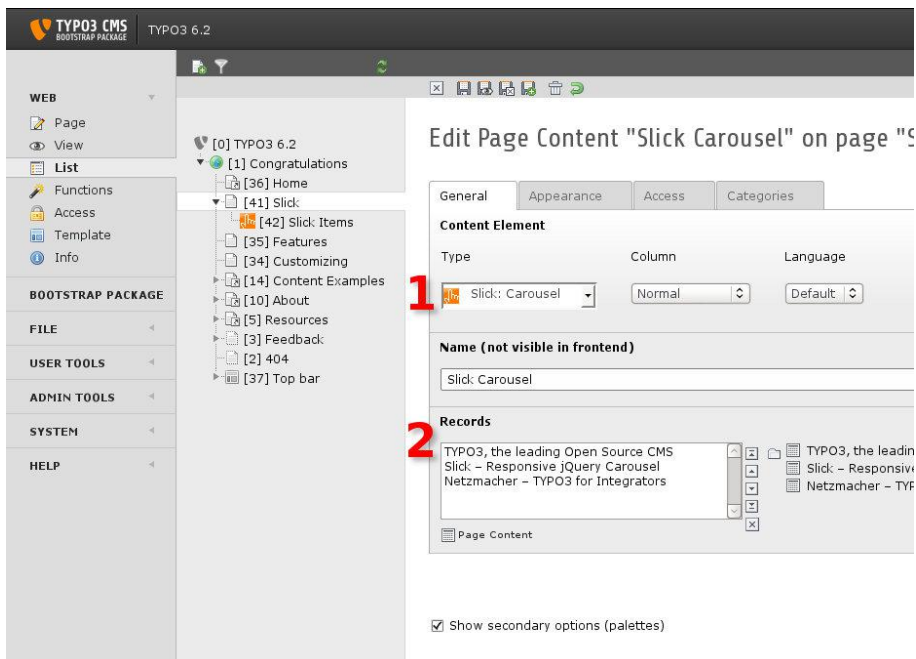


Illustration 3: Slick Carousel – the TYPO3 backend form

Properties

The Slick Carousel has the properties:

1. Name: The title of the carousel. Visible in the backend only.
2. Records: Wizard for linking to content elements.

Slick Item

A Slick Item is a content element optimised for the Slick Carousel.

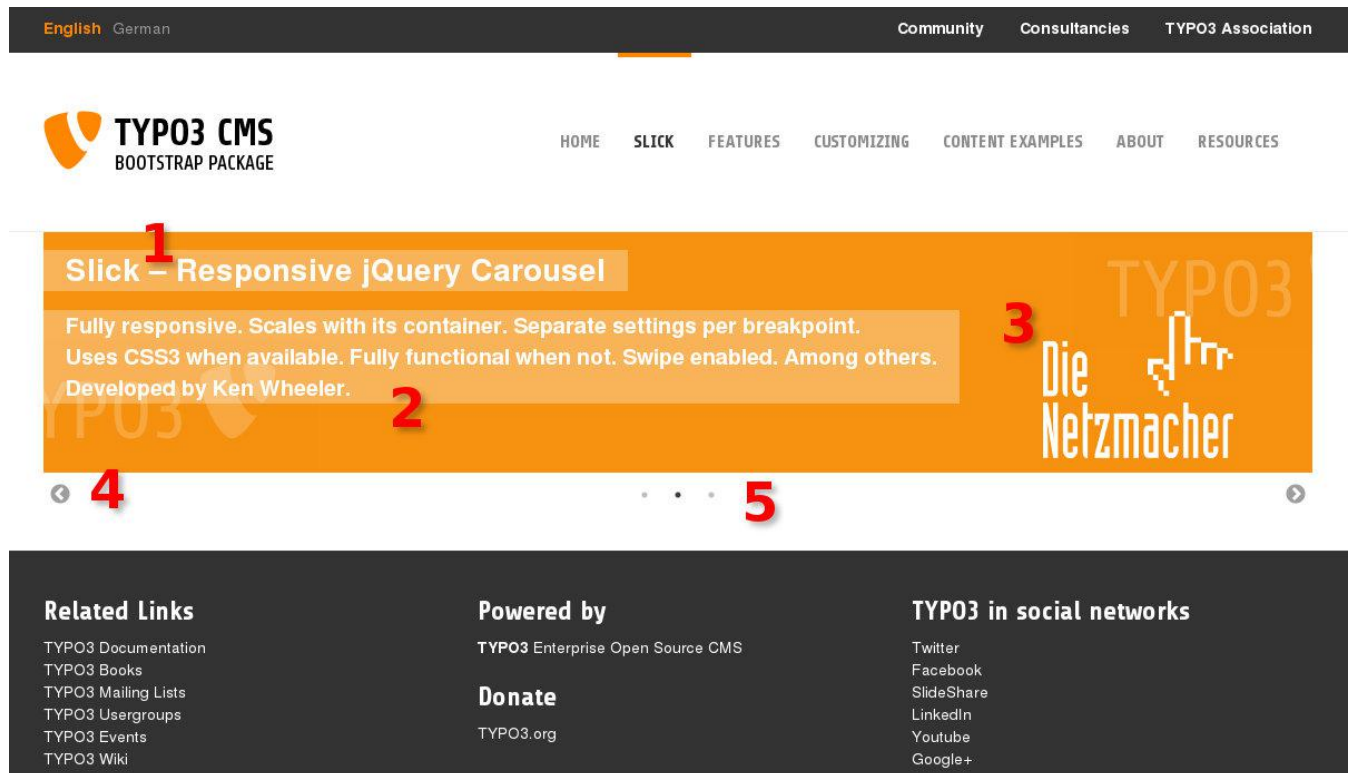


Illustration 4: Slick Carousel Example (based on the TYPO3 Introduction Package and Introduction Plus)

A Slick Item is used in the illustration above:

1. Titel (linkable)
2. Text (linkable)
3. Image (linkable)
4. Arrows
5. Dots

Properties

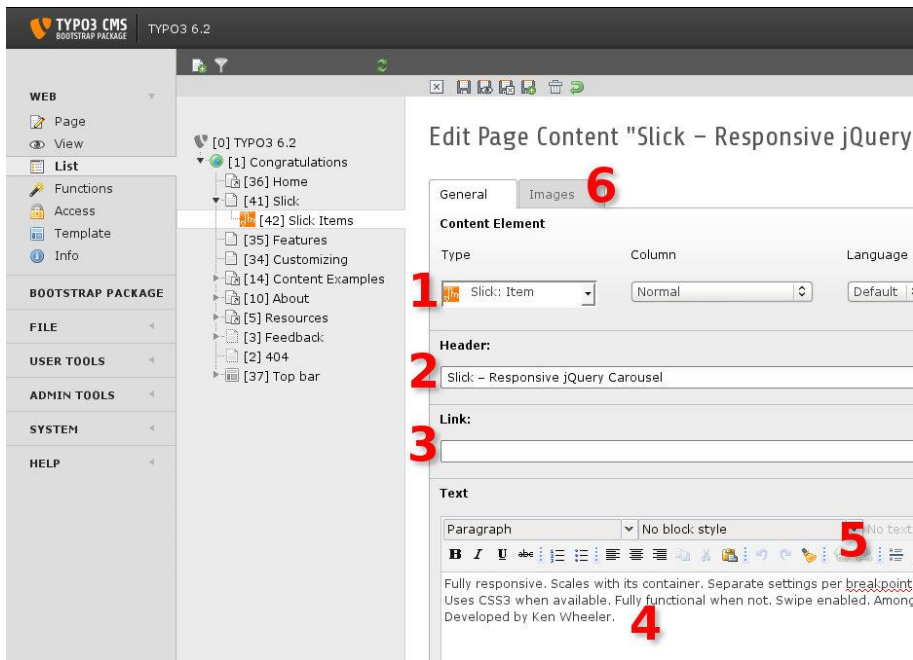


Illustration 5: Slick Item – the TYPO3 backend form

A Slick Item (1) has the properties:

- header (2)
- text (4)
- image (6)

Links

You can link every property:

- header (3)
- text (5)
- image (6)

Internal Links

You can set a link to an internal page only in the current Slick version!

There is a workflow for external links. See the next section.

Workflow for External Links

If you need an external link, please add a page to your page tree. Set the page type to [Link to external URL].

Set the internal link of your Slickitem to this page.

Sorry for the trouble.

Configuration

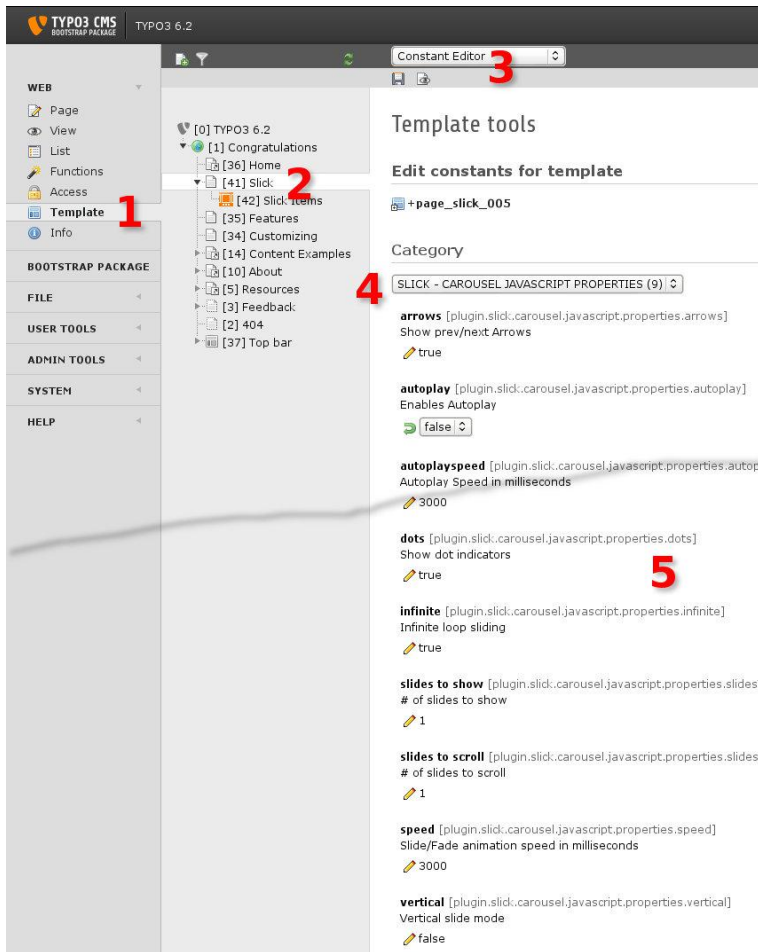


Illustration 6: The TypeScript interface for some Slick properties

If you like to configure the Slick Carousel, please include the static template:

- Slick: Carousel (slick)

Configure Slick supported by the TypeScript interface – the Constant Editor:

- Modul > Web: Template (1)
- Page tree: Your page with the Slick Carousel (2)
- Edit area: [Constant Editor] (3)
 - Category: [SLICK CAROUSEL ...] (4)

See details in the section

- "Constant Editor" on page 11 below.

Reference

If you like to investigate the TypoScript setup, please refer to:

```
tt_content.slickitem = FLUIDTEMPLATE
tt_content.slickitem {
    ...
}
tt_content.slickcarousel < tt_content.shortcut
tt_content.slickcarousel {
    ...
}
page {
    includeCSS {
        slickLibrary      = {$plugin.slick.carousel.css.file.library}
        slickExtension     = {$plugin.slick.carousel.css.file.extension}
    }
    includeJSFooterlibs {
        slick = {$plugin.slick.carousel.javascript.file}
    }
    jsFooterInline {
        60807 = TEXT
        60807.value (
            $(document).ready(function(){
                $('\'.'.$plugin.slick.carousel.css.class}\').slick({
                    arrows      : {$plugin.slick.carousel.javascript.properties.arrows},
                    autoplay    : {$plugin.slick.carousel.javascript.properties.autoplay},
                    autoplaySpeed : {$plugin.slick.carousel.javascript.properties.autoplaySpeed},
                    dots        : {$plugin.slick.carousel.javascript.properties.dots},
                    infinite    : {$plugin.slick.carousel.javascript.properties.infinite},
                    slidesToShow : {$plugin.slick.carousel.javascript.properties.slidesToShow},
                    slidesToScroll : {$plugin.slick.carousel.javascript.properties.slidesToScroll},
                    speed        : {$plugin.slick.carousel.javascript.properties.speed},
                    vertical    : {$plugin.slick.carousel.javascript.properties.vertical}
                });
            });
        )
    }
}
```

Values are controlled by the TypoScript interface – the Constant Editor. See details in the section

- "Constant Editor" on page 11 below.

Constant Editor

If you like to configure the Slick Carousel, please include the static template:

- Slick: Carousel (slick)

All properties have the prefix `plugin.slick`.

Example: `carousel.javascript.properties.arrows` is `plugin.slick.carousel.javascript.properties.arrows`.

Illustration is placed at

- "Configuration" on page 9 above.

CAROUSEL CSS CLASS

Property	Type	Description	Default
<code>carousel.css.class</code>	string	Class: CSS class of the slick carousel	single-item

CAROUSEL CSS FILES

Property	Type	Description	Default
<code>carousel.css.file.extension</code>	string	Extension: extension CSS file Default: EXT:slick/Resources/Public/CSS/extension.css	See description
<code>carousel.css.file.library</code>	String	Library: slick library CSS file Default: EXT:slick/Resources/Public/JavaScript/Slick/slick.css	See description

CAROUSEL JAVASCRIPT FILE

Property	Type	Description	Default
<code>carousel.javascript.file</code>	string	file: slick javascript library Default: EXT:slick/Resources/Public/JavaScript/Slick/slick.js	See description

CAROUSEL JAVASCRIPT PROPERTIES

Slick Carousel has more properties than below.

If you like to configure properties, which aren't part of the list below, please add your own Slick javascript file. See

[page.jsFooterInline.60807](#)

Property	Type	Description	Default
<code>carousel.javascript.properties.arrows</code>	string	arrows: Show prev/next Arrows	true
<code>carousel.javascript.properties.autoplay</code>	boolean	autoplay: Enables Autoplay	true
<code>carousel.javascript.properties.autoplayspeed</code>	integer	autoplayspeed: Autoplay Speed in milliseconds	3000
<code>carousel.javascript.properties.dots</code>	boolean	dots: Show dot indicators	true
<code>carousel.javascript.properties.infinite</code>	boolean	infinite: Infinite loop sliding	true
<code>carousel.javascript.properties.slidesToShow</code>	integer	slides to show: # of slides to show	1
<code>carousel.javascript.properties.slidesToScroll</code>	integer	slides to scroll: # of slides to scroll	1
<code>carousel.javascript.properties.speed</code>	integer	speed: Speed in milliseconds	3000
<code>carousel.javascript.properties.vertical</code>	boolean	vertical: Vertical slide mode	false

Known bugs

Bugs

Latest bugs are published at

- <https://forge.typo3.org/projects/extension-slick/issues>

Introduction Package

The Introduction Package seem's to use a corrupt jQuery library. If you are using the Introduction Package, please remove the jQuery library and use for example t3jquery.

Helpful suggestions

If you have helpful suggestions please send an e-mail to <http://wildt.at.die-netzmacher.de>

Credits

Credits to

Ken Wheeler

Who develops slick. See

- <http://kenwheeler.github.io/slick/>

Benjamin Kott

Who provides a sample for building custom content elements with extbase and fluid. The extension bk2k_content_elements was the base of TYPO3 slick. See

- <https://speakerdeck.com/benjaminkott/typo3-content-elemente-mit-fluid>
- https://github.com/benjaminkott/bk2k_content_elements

Further Information

Other extensions published by Die Netzmacher




-  +AOE Linkhandler Configurator: Configure the AOE linkhandler supported by userinterfaces. Out-of-the-box templates for cal, org, tt_news and tt_products. Don't edit page TSconfig any longer.
<http://typo3.org/extensions/repository/view/linkhandlerconf/>
-  autositemap: A smart site-map optimised for the footer. It groups menus in columns. Great menus will get two columns. Configuration is based on TypoScript HMENU.
<http://typo3.org/extensions/repository/view/autositemap/>
-  Browser – TYPO3 without PHP. Develop your TYPO3 extension 8 times faster! You need one line TypoScript for a result list with a search form, a record browser and an index browser. Images are wrapped self-acting. SEO, Search Engine Optimization, is integrated. <http://typo3.org/extensions/repository/view/browser/>
-  Caddy – the TYPO3 shopping cart. You can use it for your own needs. You need a database with products or any other items only. You can install Caddy out of the box with one mouse click – see Quick Shop below.
<http://typo3.org/extensions/repository/view/caddy/>
-  Flip it! offers lovely and smooth page flip transitions. It enables you to run over pages in PDF documents like in a real magazine. It is based on flash. Flipt it! can convert PDF documents to swf files automatically.
<http://typo3.org/extensions/repository/view/flipit/>
-  Green Cars (Grüne Autos) - Database optimized for ecological cars. It is a case study and demonstrates, how to get a complex database with the browser (see above) in three hours only.
http://typo3.org/extensions/repository/view/green_cars/
-  Organiser – TYPO3 for the lobby and the organisers. Handle news, events, staff, headquarters, locations, workshops and a calendar with one extension. Sell online tickets! Install the Organiser with one mouse click!
<http://typo3-organiser.de/>
-  Quick Shop – the fastest shop in the history of TYPO3. Install it with one mouse click! Quick Shop is based on the browser (see above) and powermail.
<http://typo3-quick-shop.de/>
-  PDF Controller: Easy to install. Add to your HTML page the PDF-controller-button. Link from the button to the controller. Adjust the controller by mouseclicks. The PDF Controller supports CSS 3.
<http://typo3-pdfcontroller.de/>
-  Radial Search (German: Umkreissuche) for your TYPO3 database. Your data must have a latitude and a longitude. The Browser – TYPO3 without PHP – has it integrated.
<http://typo3.org/extensions/repository/view/radialsearch/>
-  Route – Publish your routes with GoogleMaps or OpenStreetMap. Routes have points of interest (POI). You can categorise and filter both: routes and POI. Address data can geocoded automatically.
<http://typo3.org/extensions/repository/view/route/>
-  seo_dynamic_tag: Search Engine Optimization for the title tag, the canonical tag and the meta tags author, description and keywords. Configuration by a user interface.
http://typo3.org/extensions/repository/view/seo_dynamic_tag/
-  TSconfig Pages and Users by extManager (extkey: tsconf): Configure the the eight most commonly used TSconfig porperties with the mouse - like page tree uids, activated extended view, activated clipboard, ...
<http://typo3.org/extensions/repository/view/tsconf/>
-  tt_news select configuration (extkey: ttnews_selectconf) enables to select tt_news by any SQL clause. The extension adds an andWhere clause to the SQL query of the tt_news plugin.
http://typo3.org/extensions/repository/view/ttnews_selectconf/
-  Wine Catalogue provides a data base for wine with regions, wineries, styles, variety and ageing among others. It is localized. English, German and Spanish ist of the box. Wine based on the extension browser (see above).
<http://typo3.org/extensions/repository/view/wine/>

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Change log

- 0.1.0 **Improvement**
 - * #60807: ID for the inline JSS
 - * #i0005: Screenshots for the manual
- 0.0.3 **Improvement**
 - * #i0004: Extension CSS
 - * #i0003: Manual
- 0.0.2 **Improvement**
 - * #i0002: Manual
- 0.0.1 14-08-04
 Initial release
 - * Dirk Wildt (Die Netzmacher) <http://wildt.at.die-netzmacher.de>