Organiser

Publish your news and events with Organiser! Organiser provides a lot of features for handle news, events, staff, headquarters, location and a calendar. Sell your tickets with the integrated shop! Pick HTML templates and TypoScript configurations with the mouse! Organiser is an extension for organisers, distributors, associations and presenters.

Version: 2.0.0, 2011-08-13

Extension Key: org - Tutorial for the extension Browser (extkey: browser)

Language: en

Keywords: forAdmins, forDevelopers, forAdvanced, organiser, news, events, staff, repertoire, calendar, locations, management, headquarters, organiser, tickets, shop

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The content of this document is related to TYPO3

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

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- bat-Studiotheater der Hochschule für Schauspiel "Ernst Busch" Berlin
  http://www.bat-berlin.de/

- Hochschule für Schauspiel "Ernst Busch" Berlin
  http://www.hfs-berlin.de/

- Swiss Study Guide (not published yet – with Organiser +Workshops)
  http://www.planat.ch/

- TYPO3 Organiser
  http://typo3-organiser.de/

- TYPO3 Usergroup Thuringia
  http://typo3-thüringen.de/

- Zeitoffiziere (beta – with Organiser +Workshops)
  http://zeitoffiziere.de/seminare/

Backend

Organiser Installer: result
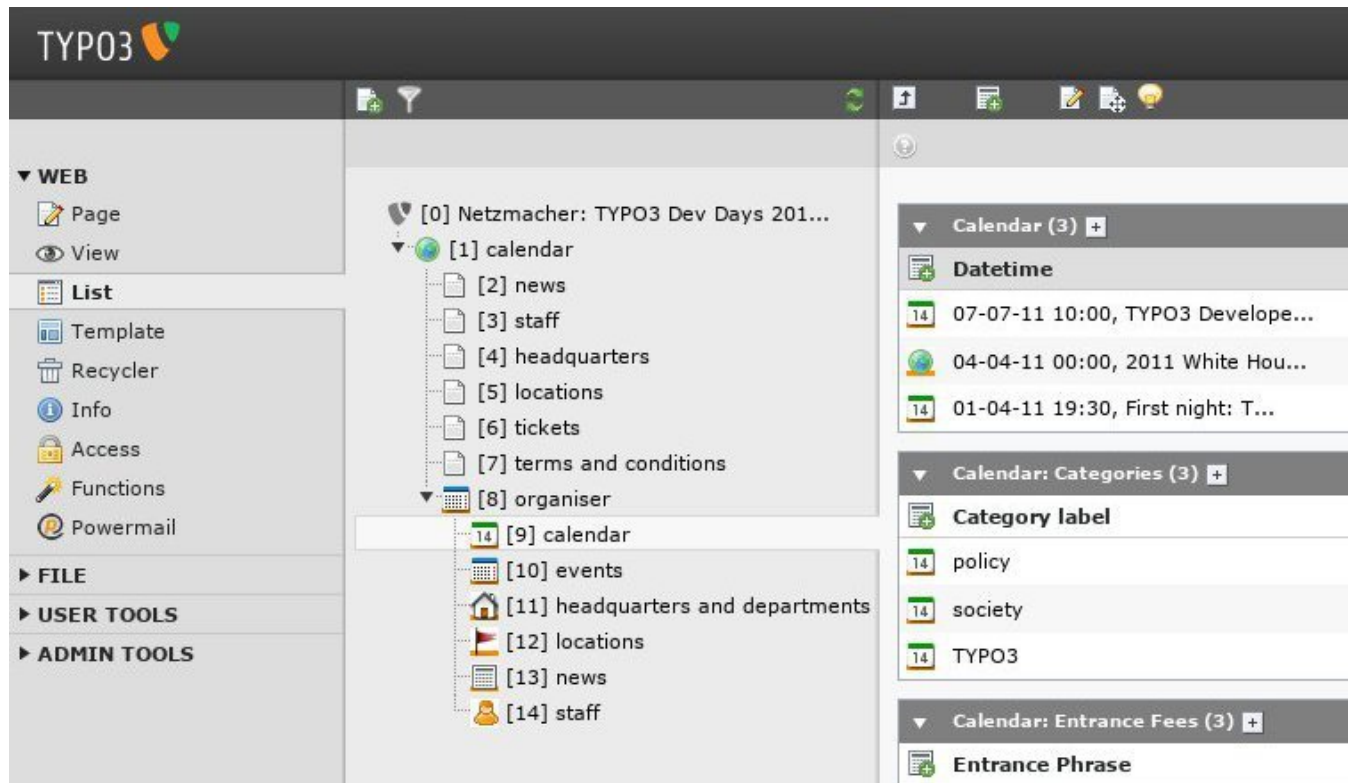
Illustration 7: Result after installing with he Organiser Installer

Form for an event

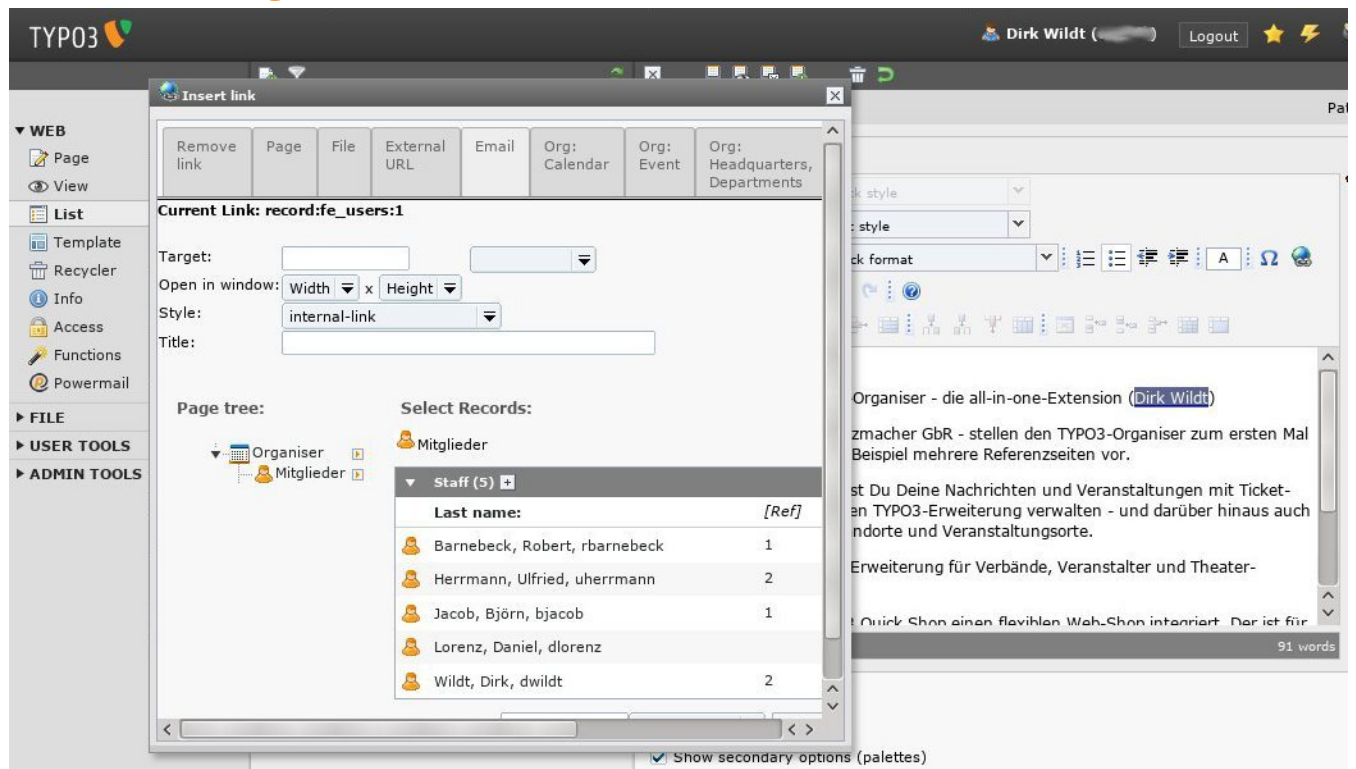Illustration 8: The form for a calendar item

Freedom of linking!

Illustration 9: You can link to every Organiser record by the link wizard.

Introduction

What does it do?

Organiser is the TYPO3 extension for

- organisers, distributors, associations and presenters

The database administrates and provides

- events,
- headquarters,
- locations,
- news,
- staff (fe_users),
- a small calendar module,
- a small shop for reserving or selling tickets and
- an ready RSS feed of course.

Organiser is distributed with a lot of default templates for HTML and TypoScript.

Organiser is easy to install – you need one click only. See "One click with the Organiser Installer" on page 14 below.

Organiser is based on the TYPO3 frontend engine Browser. This has this key benefits at least:

- You can pick each HTML template and each TypoScript configuration with your mouse. If you or your customer will be happy with the default templates, you don't need to configure neither HTML nor TypoScript in context with templating. But you have to configure things like page ids or your e-mail of course.

- Organiser hasn't any own PHP code. It seems to be unbelievable, but it is true. If you like to enhance the database with own fields or own tables, you don't need programming any line PHP. You have to adapt the database, the TCA, the HTML templates and the TypoScript templates only.

Organiser is localised.

Organiser family

The Organiser has some nice plugins – the Organiser family:

- Organiser +Repertoire
  Manage your repertoire with the Organiser!
  Organiser +Repertoire isn't published in the TYPO3 Repository now, but it is available in the SVN repository. See
  http://forge.typo3.org/projects/show/extension-org_repertoire

- Organiser +Workshops
  Manage your workshops and seminars with the Organiser! See
  http://forge.typo3.org/projects/show/extension-org_workshops

- Organiser +Rating
  Let rate your workshops by your visitors!
  Zeitoffiziere (see above) is using this nice feature. We will publish it soon.

Support

- Organiser has some nice support:

- Test it! Please visit Organiser on
  http://typo3-organiser.de

- Talk with the developers! Organiser has a forum:
  http://typo3-organiser.de/forum

- Save time and money! Install the whole Organiser example out of the box with the Organiser Installer:
  http://typo3.org/extensions/repository/view/org_installer/current/

Sorry, the manual isn't completely

Some things are missing like, how to use the rss feed.

Features

Freedom of linking
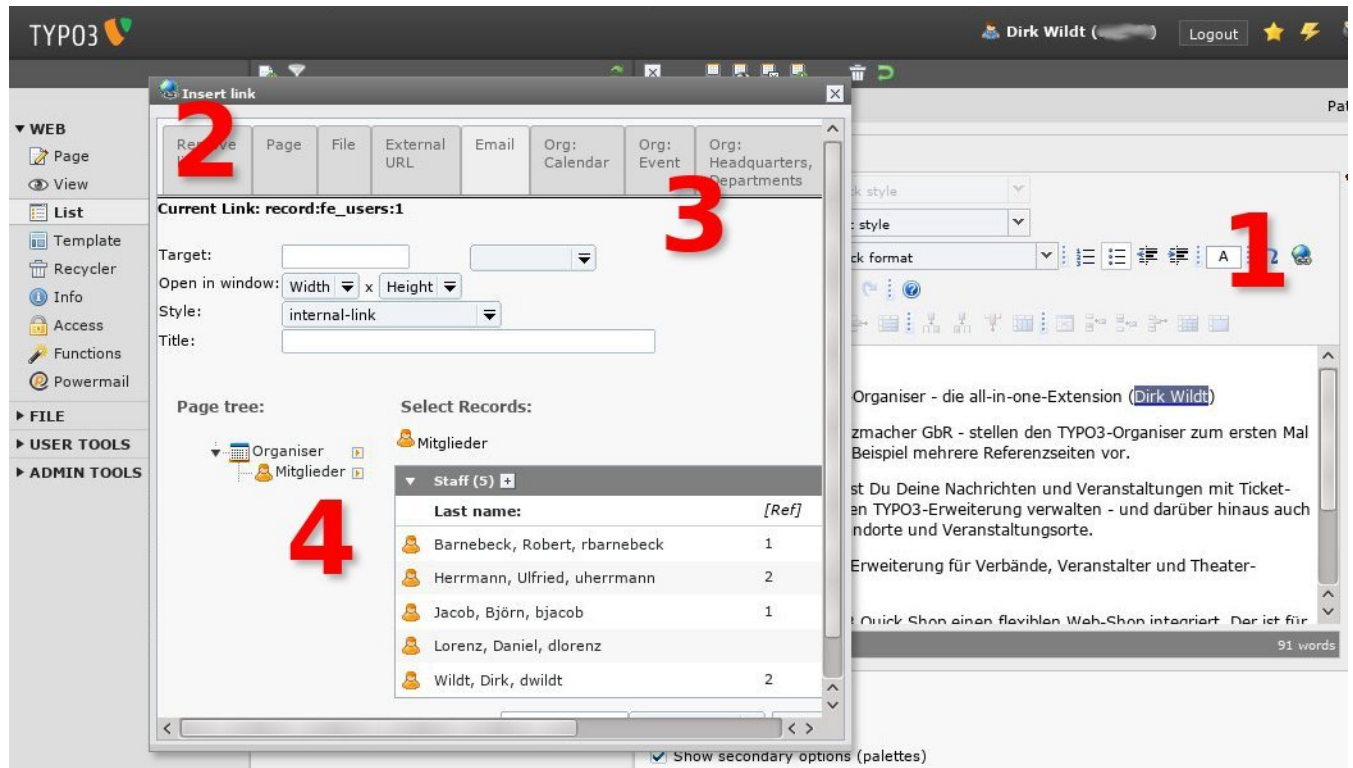
Illustration 10: Link from everywhere to everywhere

TYPO3 Organiser enables to link from every RTE-field to every TYPO3 Organiser record.

Workflow

1. RTE field: Click on the link icon

2. The link wizard will be opened in a new window.

3. The link wizard has tabs for every TYPO3 Organiser record. Select the tab like [Org: Staff]

4. The link wizard will display the TYPO3-Organiser page tree. Select the user, you want to link to.

AOE link handler

The "freedom of linking" is enabled by the AOE link handler. The link handler will be configured by page TSconfig. See "AOE link handler" on page 24 below.

Tables

Calendar

Illustration 11: Calendar of the TYPO3 Usergroup Thuringia – list view

- Search Form
- Filter
  - categories (4)
  - periods (5): static or dynamically (like: last week | current week | next week)
- A-Z-browser
- Page-browser / record-browser (3)
- Different CSS for current and expired dates (1)
- Social bookmarks in list and single view (2)
- Ticket ordering (6)
- AJAX supported
- Different event types
  - Direct
  - Internal page
  - External link
  - Event database (for repeating events)
  - Optional: repertoire (you need Organiser +Repertoire)
  - Optional: workshops/ seminars (you need Organiser +Workshops)
- Flexible layout
  - Different layout for each record
  - 10 positions for images are possible
- Direct linking to locations and departments

Online examples
- http://www.bat-berlin.de/
- http://typo3-thüringen.de/

Events

Event is a special type of a calendar item. It is a benefit, if you have repeating dates.

In difference to a calendar item you can attach media / documents. Three types of layouts are available.

Headquarters and departments

Illustration 12: Headquarters and departments of HfS Berlin (it is called contact)

- Search Form (3)
- Filter (4)
- A-Z-browser (2)
- Page-browser / record-browser (1)
- Social bookmarks in list and single view
- Group able:
  - Departments will be grouped by headquarters
- AJAX supported
- Flexible layout
  - Different layout for each record
  - 10 positions for images are possible
- Three types of layout for attached media / documents
- Direct linking
  - headquarters to departments
  - departments to calendar, news and staff
- Embedded code (for google maps i.e.)

Online examples
- http://www.hfs-berlin.de/kontakt/

Locations

Illustration 13: Locations used by the TYPO3 Usergroup Thuringia – list view

- Search Form
- Filter
- A-Z-browser
- Page-browser / record-browser
- Social bookmarks in list and single view
- AJAX supported
- Flexible layout
  - Different layout for each record
  - 10 positions for images are possible
- Three types of layout for attached media / documents
- Direct linking to calendar
- Embedded code (for google maps i.e.)

Online examples
- http://www.hfs-berlin.de/hochschule/veranstaltungsorte/
- http://typo3-thüringen.de/veranstaltungsorte/

News

Illustration 14: News of the TYPO3 Usergroup Thuringia – list view

- Search Form
- Filter
- A-Z-browser
- Page-browser / record-browser
- Social bookmarks in list and single view
- AJAX supported
- Different news types
  - Direct
  - Internal page
  - External link
- Flexible layout
  - Different layout for each record
  - 10 positions for images are possible
- Three types of layout for attached media / documents
- Direct linking to
  - departments
  - staff

Online Examples

- http://www.hfs-berlin.de/
- http://typo3-thüringen.de/nachrichten/

Staff

Staff is the extended fe_users table. This has the big advantage, that you can use TYPO3 Organiser staff for all common frontend user management software and for all common logins.
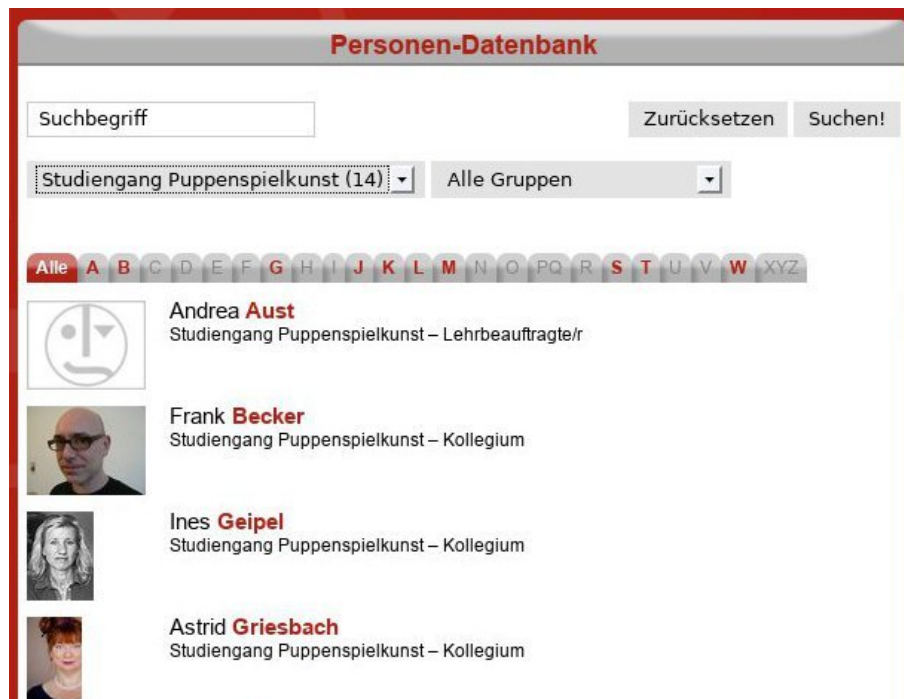
Illustration 15: News of the TYPO3 Usergroup Thuringia – list view

- Search Form
- Filter
- A-Z-browser
- Page-browser / record-browser
- Social bookmarks in list and single view
- AJAX supported
- Direct linking to
  - departments
  - news

Online examples

- http://www.hfs-berlin.de/personen/
- http://typo3-thüringen.de/mitglieder/

Principles

TYPO3 4.5 is recommended

TYPO3 4.5 is recommended. All used extensions are tested in 4.5 but not in versions older than 4.5.

You can use the Organiser in older TYPO3 versions too. But you will get some trouble in backend forms: in some cases the layout won't be proper.

Latest extensions

You are needing the latest extensions! This are

- browser   3.7.0
- powermail   1.6.3
- wt_cart   1.3.0

Installation

One click with the Organiser Installer

- Install Organiser with the Organiser Installer (org_installer). See
  http://typo3.org/extensions/repository/view/org_installer/current/

Adapt some constants to your needs

See "Constant Editor" on page 21 below.

Controlling by the extension manager

All alignments in the extension manager effect the TYPO3 backend only.

Localise special backend labels

Language for special backend labels like TypoScript static templates and the link handler.

Exclude Organiser fields

Simplify backend forms! Default: The editor has access to most fields. None excluded: The editor has access to all fields like the administrator. All excluded: the editor has access to required fields only like the title. This option has an effect for editors and it hasn't any effect for administrators.

See examples below.

All excluded

All fields should be excluded

Illustration 16: All excluded - the alignment in the extension manager

Illustration 17: All are excluded: editor has access to required fields only. Here: table repertoire

Illustration 18: Backend user configuration. The administrator can configure a lot.
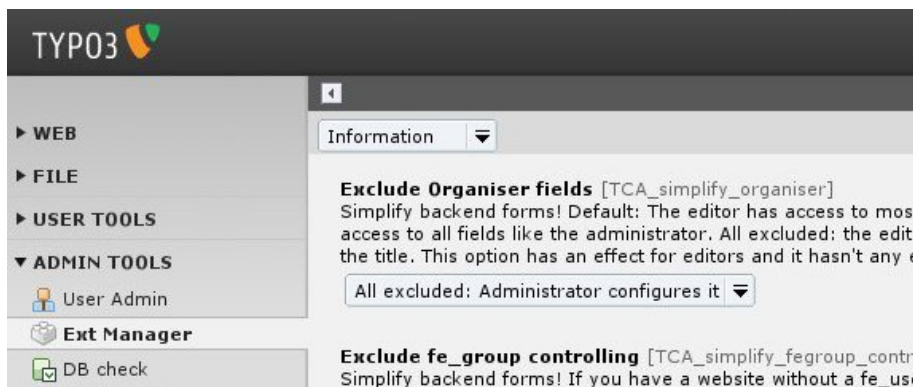
The None-Examples

None field should be excluded

Illustration 19: None excluded - the alignment in the extension manager
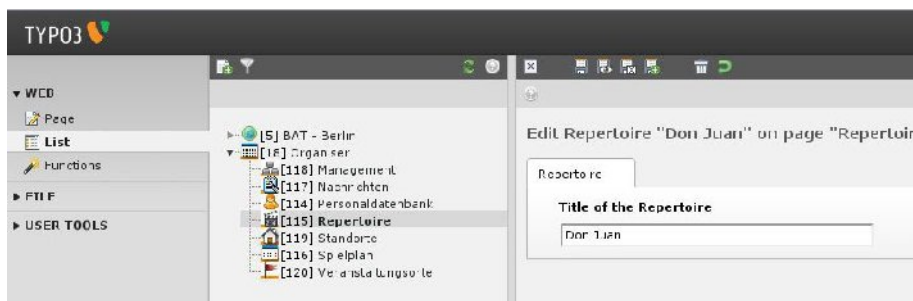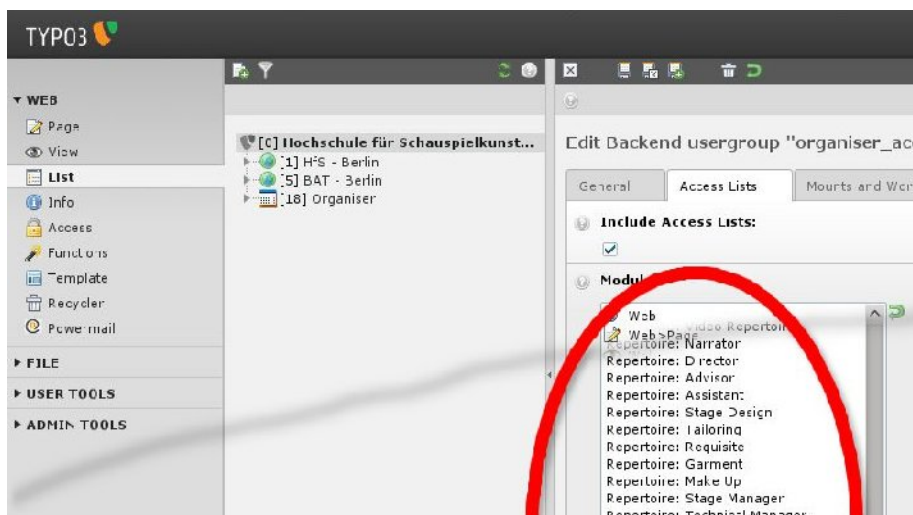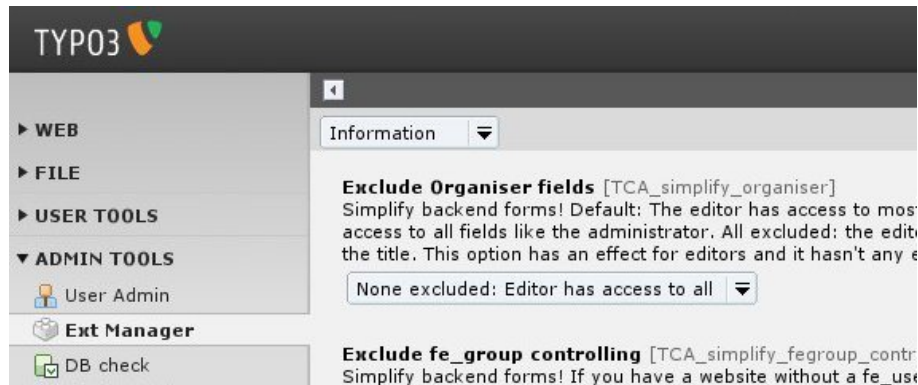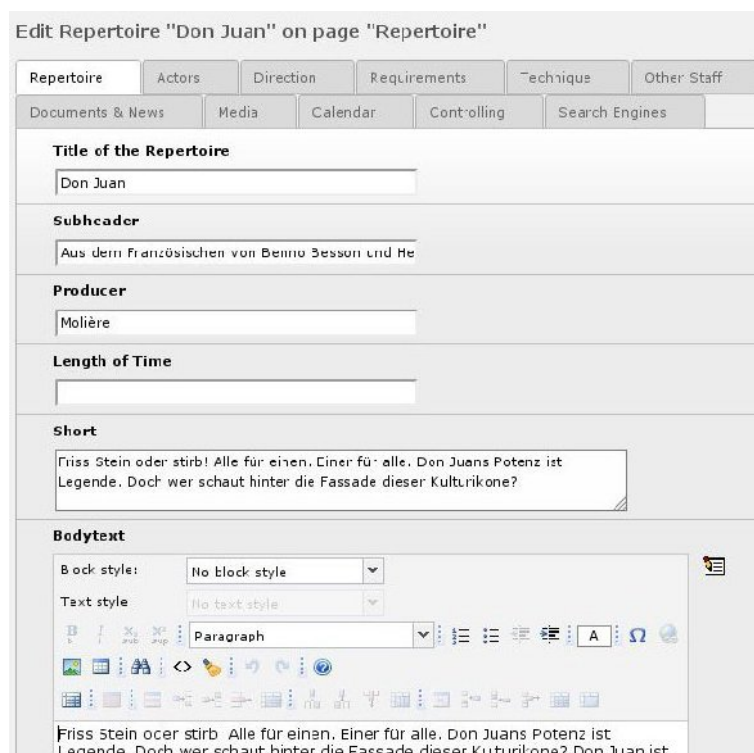

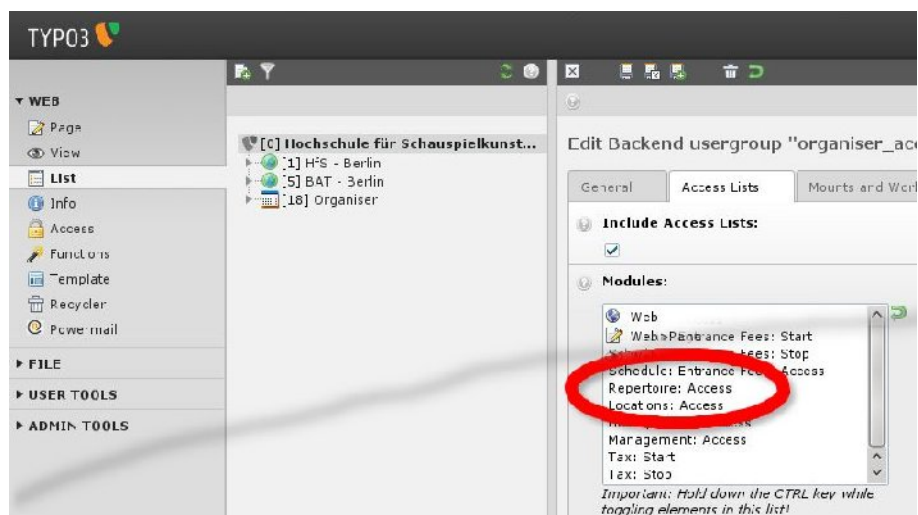Illustration 20: None are excluded: editor has access to all fields. Here: table repertoire

Illustration 21: Backend user configuration. The administrator can't configure near by nothing.

Exclude fe_group controlling

Simplify backend forms! If you have a website without a fe_user administration, you don't need the fe_group controlling field in backend forms. This option marks it in organiser tables 'excluded'. This has an effect for editors and it hasn't any effect for administrators.

Exclude time controlling

Simplify backend forms! If you don't want to control records by time, you don't need the time control field in backend forms. This option marks it in organiser tables 'excluded'. This has an effect for editors and it hasn't any effect for administrators.

Don't exclude fe_users fields

The organiser needs some fe_users fields by default. Organiser makes this fields visible by disabling the 'exclude' property. This has an effect for editors only. For administrators all fields are visible anyway.

Store record configuration

[Easy]: less configuration costs. If you want to link from one record to another, both have to be stored in the same directory. It may be confusing in case of a lot of data. [Clear presented]: each record group has its own directory. I.e. fe_users are in [staff], events are in [calendar]. Disadvantage: you have to configure page TSconfig and you will have some wizards without an add icon and without an list icon. [Multi grouped]: Same like [clear presented], but record groups can have more than one directory. It enables sophisticated access rules. See section "FAQ: Store record configuration" in the manual.

Full wizard support

If full wizard support is enabled, main records will have all three icons for their category records: edit, add and list. This is best usability. But you have to store category records in the same directory like the main records. You have to rough it, if there are needs to store categories in other directories. This property has only an effect in case of store records [clear presented] or [multi grouped].

Controlling by plugins

Annotation

You are controlling the TYPO3 Organiser with the Browser plugins. The Browser is the TYPO3 frontend engine and enables the separation of the database (the backend) and the design / work flow (frontend):

Organiser data (database) <> Browser (plugin) <> Organiser output (design)

A Browser plugin is always available.

A plugin enables to configure a lot of things with the mouse:

- Seach form
- A-Z browser
- Page-browser / record browser
- empty page on start
- among others.

The Browser plugin needs a TypoScript template. The TypoScript template controls both:

- the query to the database and the handling of the result
- the connection to an HTML template with so called database markers.

If you like to extend the TYPO3 Organiser or to change queries or templates, it is a good idea to become familiar with the Browser – the TYPO3 frontend engine. See

- Browser homepage
  http://typo3-browser.de
- Browser in the TYPO3 repository
  http://typo3.org/extensions/repository/view/browser/current/

The Organiser has prepared a lot of TypoScript templates, so there isn't any need to configure a TypoScript template, if you are satisfied with the default views and the default work flow.

Plugins in the frontend

There are two types of plugins:

- main (1) and
- margin (2)

The differences are only, that

- main plugins display the list view and the single view on the same page
- margin plugins display the single view on another page

- usually main plugins are more detailed than margin plugins

Plugins in the backend

If you are using the Organiser Installer all plugins in the backend are configured.

If you like to change some configurations investigate the illustration below.

Illustration 22: The Browser plugin

1. Tab [Plugin]

2. Plugin [Browser]

3. Tab [Templating]
   Select the TypoScript template like calendar or news.

4. Tab [General]
   Select the available view. The view depends on the selection in the tab [Templating] (3)

5. Tab [Lists]
   Configure your list view

6. Tab [Javascript/AJAX]
   Enable AJAX and configure it.

7. Tab [Social Media]
   Add social bookmarks to your list views and single views.

8. Tab [Behaviour]
   Don't forget to configure the record storage page. Without it, the Browser hasn't any chance to find the Organiser records.

Main

Prepaired

- +Org: Calendar
- +Org: Calendar +expired
- +Org: Department
- +Org: Headquarters
- +Org: Locations
- +Org: News
- +Org: News (RSS)
- +Org: Shopping cart
- +Org: Staff

Margin

- +Org: Calendar - margin
- +Org: Department - margin
- +Org: Headquarters - margin

- +Org: Locations - margin

- +Org: News - margin

- +Org: Shopping cart - margin

- +Org: Staff - margin (don't cache it)

Randomised plugins

It is possible to randomise the content of plugins. There is one plugin prepared:

- +Org: Staff - margin (don't cache it)

Online examples

- "Personen" in the right column of
  http://www.hfs-berlin.de/

- "TYPO3-Thüringen Mitglieder" in the right column of
  http://typo3-thüringen.de/

Controlling by TypoScript

Constant Editor

If you have installed the Organiser with the Organiser Installer, all constants should be proper but [ORGANISER STATIC URL] (see below).

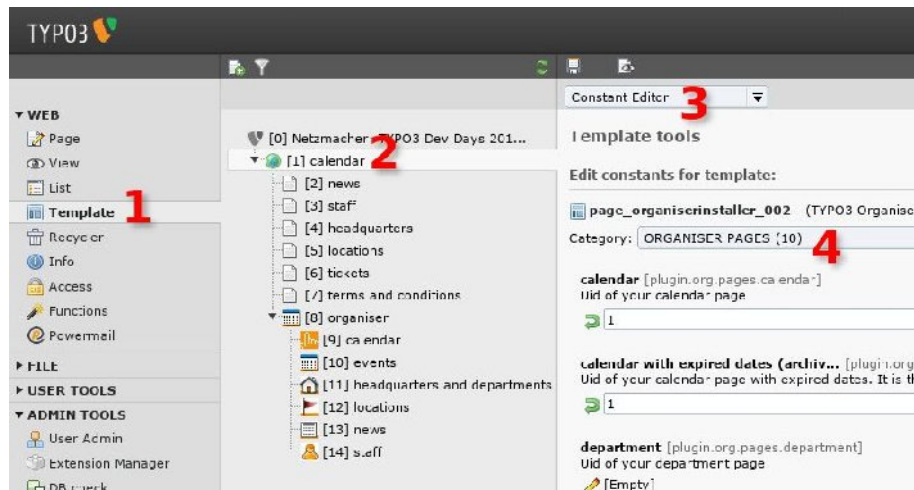Illustration 23: TypoScript Constant Editor

1. Modul: Web > Template

2. Page tree: root page

3. Edit area: [Constant Editor]

4.   Category [ORGANISER PAGES]

Repeat it for the categories too:

- [ORGANISER SYSFOLDERS]

- [ORGANISER STATIC URL]
  The Installer will failed in two cases:
  - You aren't using real url
  - You haven't installed the organiser on the top-level

- [ORGANISER SHOPPING CART]

TypoScript Object Browser

The TypoScript Object Browser is the tool, if you like to change TypoScript.

You need it, if you like to change labelling, to wrap fields in a different way or to use another HTML template.

This manual doesn't repeat the configuring of the Browser – the TYPO3 frontend engine, but it explains where to find the TypoScript of the Organiser in principle.
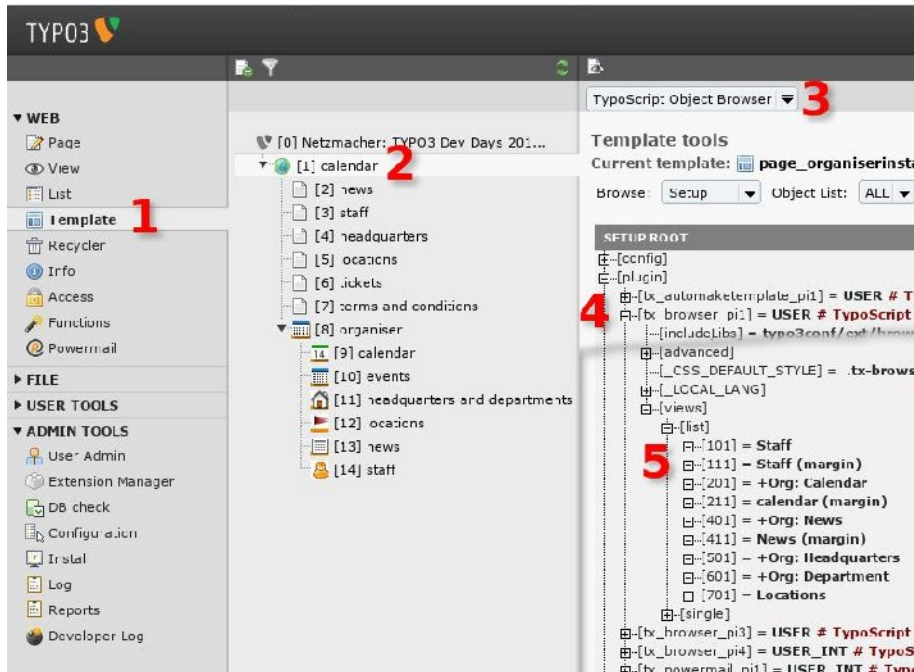
Illustration 24: TypoScript Constant Editor

1. Modul: Web > Template

2. Page tree: root page

3. Edit area: [TypoScript Object Browser]
        Browse: [Setup]

4.   Look for plugin.tx_browser_pi1.views.list

5.   Investigate the array [101] to [701]

If you like to change the configuration for single views, please take a look on plugin.tx_browser_pi1.views.single.

If you like to configure a randomised plugin, you have to configure plugin.tx_browser_pi4.

Controlling the shopping cart

You configure the shopping cart / tickets ordering on the page tickets.

Calculating with wt_cart

The shopping cart is controlled by the extension wt_cart.

wt_cart has its own manual. See

- http://typo3.org/extensions/repository/view/wt_cart/current/

If you like to investigate the TypoScript, please take a look into:

```
plugin.tx_wtcart_pi1 {
  ...
}
```

Communicating with powermail

The extension powermail enables the storing of orders and the whole e-mail traffic.

powermail has its own plugin on the page shopping cart / tickets. The page contains all fieldsets and fields of the frontend ordering form. If you are interested in powermail, please see

- http://typo3.org/extensions/repository/view/powermail/current/

Page TSconfig

Organiser records

The Organiser Installer configure some page TSconfig in the organiser sysfolders.

The effect is, that a backend user is allowed to add certain Organiser records to certain Organiser sysfolders only. For example:

- Staff records can added to the staff sysfolder only.

If you are interested in the configuration, please take a look in the TSconfig of the sysfolders.

AOE link handler

The AOE link handler enables to link from every content element with an RTE field to certain records in the database.

Of course the link handler has to extend the properties of the RTE fields and has to know two answers at least:

- Where are the certain records stored?
- Where is the single view of a certain record?

The AOE link handler will be configured with page TSconfig and TypoScript.

Page TSconfig

If you are interested in the page TSconfig configuration, take a look in the Page TSconfig of the root page and the Organiser sysfolder. You will have a proper configuration only, if you have installed the Organiser with the Organiser Installer.

How can I check the current configuration?

You can check the configuration with the Modul Web > Info

> Modul Web > Info > Page Tree: root page (i.e.) > edit area: Page TSconf >
> [Module key ('mod') with overruling user settings]

Look for the linkhandler. Here: mod.linkhandler. ...

TypoScript

If you are interested in the TypoScript configuration, take a look into the array plugin.tx_linkhandler. You will have a proper configuration only, if you have installed the Organiser with the Organiser Installer.

Code Snippet

```
plugin.tx_linkhandler {
  fe_users {
    forceLink       = 1
    useCacheHash    = 1
    parameter       = {$plugin.org.pages.staff}
    additionalParams = &tx_browser_pi1[staffUid]={field:uid}
    additionalParams {
      insertData = 1
    }
  }
  tx_org_cal < .fe_users
}
```

How can I check the current configuration?

You can check the configuration with the Modul Web > Template

> Modul Web > Template > Page Tree: root page (i.e.) > TypoScript object browser > browse [setup]

Look for the linkhandler. Here: plugin.tx_linkhandler. ...

CSS

Remove the default CSS

Organiser is adding a default CSS file to your website. If you don't like it, please configure

    page.includeCSS.organiser >

Add your own CSS

If you like to have an own CSS file, you can upload it in the folder fileadmin for example. You have to add the CSS file like in the snippet below.

    page.includeCSS.organiser = fileadmin/...

RealUrl

The Browser is supporting RealUrl. Please take a look into

- Browser Tutorial RealURL (en)
  http://typo3.org/extensions/repository/view/browser_tut_realurl_en/current/

RealUrl

The Browser is supporting RealUrl. Please take a look into

- Browser Tutorial RealURL (en)
  http://typo3.org/extensions/repository/view/browser_tut_realurl_en/current/

FAQ

Features

Why is TYPO3 Organiser beta?

The Organiser hasn't any own plugin and hasn't any PHP code for processing frontend data.

But the Organiser has a very complex TCA array. It wasn't possible to test all possibilities in different installations. We can't wave, that there will be errors in the backend like this: you can't link from one Organiser record to another.

If you get any bug, please report it to us. See section "Forum" on page 33 below.

Configuration

How do I check the configuration?

You can check the configuration with this tools:

- Modul: Admin Tools > Configuration > $TCA (Table configuration array)

  - Look for the table, array 'columns', the field, array 'config' and the field 'foreign_table_where'
    See example $TCA below

- Modul: Web > Info > page tree: some Organiser directory > edit area: page TSconfig > TCEform.

  - Look for the table, field and , array 'config' and PAGE_TSCONFIG_IDLIST or PAGE_TSCONFIG_ID
    See example page TSconfig below

Example $TCA

```
$TCA['tx_org_repertoire']['columns']['actor']['config']['foreign_table_where'] =
 'AND fe_users.pid IN (###PAGE_TSCONFIG_IDLIST###) ORDER BY fe_users.name';
```

Example page TSconfig

```
[tx_org_repertoire]
     • [actor]
          • [PAGE_TSCONFIG_IDLIST] = 114,18
```

Has the order of TypoScript templates an effect?

Yes, it has.

Below you see a default ordering.

1. CSS Styled Content   (css_styled_content)
2. Browser   (browser)
3. Org: Basis (obligated)   (org)
4. +Org: Management   (org)
5. +Org: Management - Rand   (org)
6. +Org: ...
7. Your Templates
8. +Browser (no cache)   (browser)

The rule for ordering is clear:

- If template A should override values in template B, you have to locate A below B.

The rules for ordering in the example above:

- The Browser is able to override properties in CSS Styled Content

- The Organiser basic template is overriding or extending properties in Browser

- The additional Organiser templates (+Org) are extending the Browser and Organiser templates

- You have to locate your templates below all Browser and Organiser templates.

- If you are using the Browser plugin for no caching, you need the template: Browser (no cache). This template has to be the last in every case!

Bugs

I get an empty page

One possible cause can be less memory. Please increase the memory_limit of your PHP ini.

```
// TYPO3 organiser
php_admin_value memory_limit 60M
```

DRS - Development Reporting System

Because Organiser is based in the TYPO3 frontend engine Browser, it is supported by the DRS - the Development Reporting System. You enable the DRS with the extension manager of the Browser. If DRS is enabled, you will receive a report in the backend. It is supporting you in case of errors or if you like to develop the Organiser.

Reference

The Organiser hasn't any own plugin. If you like to configure TypoScript please use

```
plugin.tx_browser_pi1 {
  ...
}
```

Completely browser reference

- HTML http://typo3.org/documentation/document-library/extension-manuals/browser/current/

- PDF: http://typo3.org/extensions/repository/view/browser/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf

What's new?

Version 2

Localisation

[2.0.0]

All Organiser tables are localised.

Record browser

[2.0.0]

All Organiser single views got a record browser.

Credits

Thanks to (Champ) Chinawut Phongphasook from Thailand, an employee of LisAndiCo., Ltd. (http://lisandi.com/). Champ sets the localisation off.

Illustration 25: http://lisandi.com/
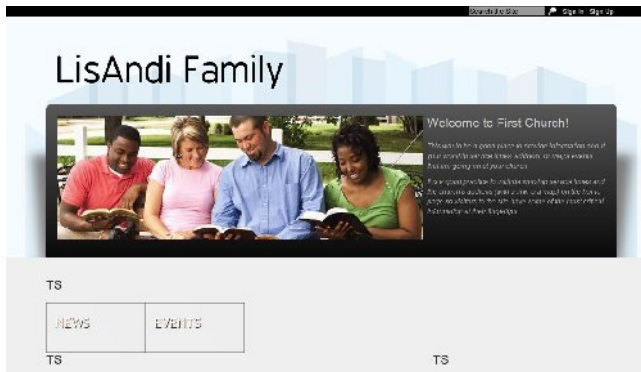
Helpful suggestions and benefits

Forum

If you have helpful suggestions, feel free to publish any question, bug or code snippet on

- TYPO3 Organiser forum at
  http://typo3-browser-forum.de/

Posts are welcome in English and German.

Sponsoring

Do you like to subsidise the TYPO3 Organsier project? Please visit

- TYPO3 Organiser Sponsoring
  http://typo3-organiser.de/sponsoring/

We would be very happy.

To do

Complete the manual.

Change log

2.0.4	**Improvement**	
	* #00000: new database field 'datetime end' in calendar	

2.0.3 Improvement
* #00000: fe_users relation to companies is simplified

2.0.2 Improvement
* #00000: TypoScript template is adapted to browser version 3.7
* a-z_Browser and pageBrowser are moved to navigation

2.0.1 New Features
* #00000: Relations to fe_groups are configurable by the extension manager and page Tsconfig
Improvements
* #28939: Localization: Relations between tables are localized

2.0.0 New Features
* #27041: Record browser for the single view / Prev-next Switcher in the single view
    * single views got the marker ###RECORD_BROWSER### in the HTML templates
    * single views got an ID
* #28939: Localization

1.0.0 Initial release

Illustration index