TYPO3 CMS 7 LTS – What’s New
Backend User Interface

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Introduction

TYPO3 CMS 7 LTS - What’s New

The following slides focus on a specific topic. Depending on your role, the following topics might also be important for you:

<table>
<thead>
<tr>
<th></th>
<th>BE User Interface</th>
<th>TypoScript</th>
<th>In-Depth Changes</th>
<th>Extbase/Fluid</th>
<th>Deprecated/Removed</th>
<th>Sys.Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Editors</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrators</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Developers</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SysAdmins</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Download all versions of the What’s New Slides from typo3.org
The biggest change which attracts the eye of every user is the revamped Backend User Interface. Based on Twitter Bootstrap, it provides a modern, responsive design and ensures, editors can effectively complete their tasks with ease.

The new scalable vector icons look gorgeous on high-resolution screens and images can be cropped by editors in the backend without the need to install any additional software.

Agencies can now customise the login page and editors will discover many more cool features which support their daily work.
In General

- Significant visual changes of the backend user interface
- Based on Twitter Bootstrap version 3.2.x
- All icons have been recreated and are in "tile" style now
- Icons use Font Awesome version 4.2.x
- Function menu left-hand-side has been adjusted accordingly
- Icons in the function menu use flat design, colourful background, monochrome/inverted pictogram in the foreground, rounded corners
- Width of function menu can be reduced to show icons only
Backend User Interface

Look & Feel

TYPO3 CMS 7.0.0
Web Content Management System

This is a brief description of the available modules.

Web

Page
Page content.

View
View page.

List
List of database records.

Functions
Advanced functions.

Info
Page related information, e.g., hit statistics, change log, record count.

Template
Template tools.

TYPO3 CMS 7 LTS – What’s New
Backend User Interface

Look & Feel
Backend User Interface

Look & Feel
Backend User Interface

Backend User Login

Username
Password
Login

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Backend User Interface

Top Bar (Module Menu)
## Backend User Interface

### List Module and Clipboard

<table>
<thead>
<tr>
<th>Page Content (2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Header</strong></td>
<td></td>
</tr>
<tr>
<td>Twitter Bootstrap</td>
<td></td>
</tr>
<tr>
<td>TYPO3 CMS 7.0</td>
<td></td>
</tr>
</tbody>
</table>

- [Extended view](#)
- [Show clipboard](#)
- [Localization view](#)

### Clipboard

- Normal (single record mode)
- Clipboard #1 (multi-selection mode) (1)
  - TYPO3 CMS 7.0
- Clipboard #2 (multi-selection mode)
- Clipboard #3 (multi-selection mode)
## Backend User Interface

### Table Style

#### Installed Extensions

<table>
<thead>
<tr>
<th>Upd.</th>
<th>A/D</th>
<th>Extension</th>
<th>Version</th>
<th>Actions</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td></td>
<td><strong>TYPO3 Core</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Help&gt; About</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Help&gt; About Modules</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>✔</td>
<td></td>
<td><strong>TYPO3 Backend</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Tools&gt; Log</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Backend User Administration</strong></td>
<td>7.0.0</td>
<td></td>
<td>beta</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Context Sensitive Help</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Help&gt;TYPO3 Manual</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>CSS styled content</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
<tr>
<td>❌</td>
<td></td>
<td><strong>Documentation</strong></td>
<td>7.0.0</td>
<td></td>
<td>stable</td>
</tr>
</tbody>
</table>
Backend User Interface

Search in List and Page View

- Click on magnifying glass to show search bar in "list" and "page" view (search function was at the end of the page before)
Backend User Interface

Badge Shows Open Documents

- Number of open documents are shown as a Bootstrap "badge" (requires system extension "Open Documents")
Backend User Interface

Flash Messages

- Visual appearance of Flash Messages has been updated
- Contrast of text vs box background colour improved

TYPO3 CMS < 7.0

TYPO3 CMS >= 7.0
Backend User Interface

Video Player in Info Window

- HTML5 audio and video files can be played in info window (where meta data is shown)
Backend User Interface

Look & Feel: Date/Time Picker

Date/Time Picker has been replaced with a Bootstrap alternative
"Create Pages" and "Sort Pages" moved to: WEB => Functions (in TYPO3 CMS < 7.1, they were located under "WEB => Functions => Wizards")
Module **Web => Access** allows to leave owner/group unchanged when overwriting permissions

### Permissions: EDIT

<table>
<thead>
<tr>
<th>Owner</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>show</td>
<td>show</td>
</tr>
<tr>
<td>edit</td>
<td>edit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Show page</th>
<th>Edit content</th>
<th>Edit page</th>
<th>Delete page</th>
<th>New pages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Group</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td><strong>Everybody</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Save  Abort
Backend User Interface

Look & Feel: Icons in List Module

Icons ("action buttons") in List module divided into two groups (primary actions first (read, update, delete), followed by secondary actions)
Backend User Interface

Customisable Login Form

System extension backend allows administrators to configure a custom background image, a logo and a colour for the backend login screen:
Backend User Interface

Image Manipulation: Cropping

An image manipulation functionality allows editors to crop images in the backend. This feature must be explicitly activated for BE users ("Exclude Fields"): 

![Image Manipulation UI](image.png)
Backend User Interface

Backend User Groups

Backend user groups can be maintained in a submodule of the "Backend Users" module now:
Backend User Interface

Enable Automatic Extension Installation

Administrators can configure the Extension Manager not to install downloaded extensions straight away:

![Diagram of TYPO3 Extension Manager configuration](image)

**Configure Extension extensionmanager**

- **Enable features**
  - Install extensions automatically after download from TER or file upload
  - basic.automaticInstallation (boolean)
Backend User Interface

Remaining Characters on Text Fields

The number of remaining characters is displayed below text input fields:

![Edit Page "Page 1"](image)

- Title
  - Page Title
    - Page 1
  - Alternative Navigation Title
    - This is an alternative navigation title
    - Remaining characters: 216
  - Subtitle
Backend User Interface

Confirm Unsaved Changes

A new confirmation dialog warns editors about losing unsaved changes:
Backend User Interface

System Information Dropdown

A dropdown menu shows several information about the system TYPO3 is installed on. The data of this dialog can be extended: (see chapter "In-Depth Changes" for further details)
Backend User Interface

Changing Password

Backend users are forced to provide the current (old) password in order to change it to a new password:
Backend User Interface

Page Icon for "Show Content from Page"

A new page icon in the page tree indicates that a page shows content from another page:
Backend User Interface

Extension Updates

When updating an extension, it is now possible to choose the target version:
Recycler Task

A new scheduler task for system extension recycler removes deleted records from content tables in the database. The maximum age and the affected tables are configurable in the task’s settings. This may also apply to files, if they are referenced in the content element.
Backend User Interface

Page Title in Page- and List-Module

Users can edit page titles in the "Page" and "List" module by double-clicking the page header or the edit icon.
Backend User Interface

Install Tool: Delete Processed Files

In its "Clean up" section, the Install Tool provides a new function to remove processed files (e.g. image thumbnails) from FAL now. This is useful if graphic-related settings have been changed or after an update of GraphicsMagick/ImageMagick to force all images to be regenerated.

Clear processed files

The File Abstraction Layer stores a database record for every file it needs to process. (e.g. image thumbnails) In case you modified some graphics settings (All Configuration [GFX]) and you need all processed files to get regenerated, you can use this tool to remove the existing ones. The new processed files are created once they are needed.

Clear processed files
New Field in FAL Meta Data

The field "Copyright" has been added to the meta data of a FAL record (system extension: filemetadata).

Edit File Metadata "test.txt" on root level

<table>
<thead>
<tr>
<th>General</th>
<th>Access</th>
<th>Metadata</th>
<th>Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creator</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creator Tool</td>
<td>Publisher</td>
<td>Source</td>
<td>Copyright</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Source</td>
<td></td>
<td>Copyright</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geo Location</td>
<td></td>
<td>Country</td>
<td>Region</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[File Metadata [6]]
Backend User Interface

Avatars for Backend Users

To improve the user experience in collaborative content editing, backend users can use avatars now. These small user images are shown in the topbar, users list and other places.
Files in the FAL record list can now be **replaced** (requires enabled "extended view"). Filename of the existing file can be retained or updated.
Backend User Interface

Online Status of Backend Users

The online status of backend users is shown in module "Backend Users".

Backend User Listing

<table>
<thead>
<tr>
<th>Username</th>
<th>Last login</th>
</tr>
</thead>
<tbody>
<tr>
<td>admin</td>
<td>30-07-15 17:25</td>
</tr>
<tr>
<td>admin0</td>
<td>Never</td>
</tr>
</tbody>
</table>

2 Users
Backend User Interface

Secondary Options Removed

The checkbox "Show secondary options (palettes)", the page TSconfig option options.enableShowPalettes and the TCA setting have been removed. The palettes are always visible and can not be hidden anymore.
A new field "Description" has been added to backend user records.
Backend User Interface

Description for Table Columns

By configuring a column (usually description) in TCA setting ['TCA'] ['ctrl'] ['descriptionColumn'], a description can be shown (improves usability for editors and administrators).
A new field "Description" has been added to filemount records. The field allows administrators to add a short description what a certain filemount should be used for, which documents it may contain, etc.
Backend User Interface

Dialog for Existing Files on Upload

If a file upload would overwrite an existing file, a dialog is shown, asking the user to choose an action (e.g. replace, rename or skip).
Backend User Interface

Editing Content Elements Restriction

Content elements can now be restricted to be editable by admins only (similar to function "Restrict editing by non-Admins" for pages).

Create new Page Content on page "TYPO3 7.4"

Visibility
- Content Element
  - Disable
- Show in Section Menus
  - Enabled
- Append with Link to Top of Page
  - Enabled

Publish Dates and Access Rights
- Publish Date
- Expiration Date

Usergroup Access Rights
- Selected Items
- Available Items
  - Hide at login
  - Show at any login
  - Usergroups:

Restrict editing by non-Admins:
- Enabled
Backend User Interface

Include Static TSconfig Files (1)

In page properties an option allows to include a page TSconfig file (the same way as TypoScript static templates are included).
The following method registers a page TSconfig file:

\TYPO3\CMS\Core\Utility\ExtensionManagementUtility::registerPageTSConfigFile(
    'extension_name',
    'Configuration/PageTS/myPageTSconfigFile.txt',
    'My special configuration'
);
A new button has been added to each column in the "Page" module which allows *real* copies of content element into a language (not only references).

### TYPO3 7.4

<table>
<thead>
<tr>
<th>Default</th>
<th>Austrian</th>
<th>Klingon</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Left</strong></td>
<td><strong>Austrian Page Title</strong></td>
<td><strong>Klingon Page Title</strong></td>
</tr>
<tr>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
</tr>
<tr>
<td><strong>Normal</strong></td>
<td><strong>Content</strong></td>
<td><strong>Content</strong></td>
</tr>
<tr>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
</tr>
<tr>
<td><strong>Header</strong></td>
<td><strong>Content</strong></td>
<td><strong>Content</strong></td>
</tr>
<tr>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
</tr>
<tr>
<td><strong>Right</strong></td>
<td><strong>Content</strong></td>
<td><strong>Content</strong></td>
</tr>
<tr>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
<td><img src="image" alt="Content" /></td>
</tr>
</tbody>
</table>
Backend User Interface

Language Selector in Module "Pageview"

WEB->View features a dropdown to select a language for the page preview. (can be deactivated by mod.SHARED.view.disableLanguageSelector = 1)
Backend User Interface

Content Element textmedia

A new Content Element "Text & Media" combines the elements text, image and textpic.

New content element

Please select the type of page content you wish to create:

<table>
<thead>
<tr>
<th>Typical page content</th>
<th>Special elements</th>
<th>Form elements</th>
<th>Plugins</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Header Only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adds a header only.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Images Only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Any number of images aligned in columns and rows with a caption.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Bullet List</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A single bullet list.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Table</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A simple table.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] Text &amp; Media</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Text &amp; Media</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Any number of media wrapped right around a regular text element.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] File Links</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Backend User Interface

YouTube and Vimeo Files

Content Element "Text & Media" allows editors to include external YouTube and Vimeo files, as well as local files.
Backend User Interface

Search in Module Filelist

Module "Filelist" features a search by file name now (recursively from the current folder).
# Backend User Interface

## Workspaces Notification Settings (1)

Meaning and behavior of notification settings have been streamlined (an upgrade wizard helps to upgrade the settings to the new definitions)

<table>
<thead>
<tr>
<th>General</th>
<th>Users</th>
<th>Notification settings</th>
<th>Mountpoints</th>
<th>Publishing</th>
<th>Staging</th>
<th>Other</th>
</tr>
</thead>
</table>

**Stage change notification by email:**

![Email input field]

**Stage "editing":**

**Settings dialog**

- Show dialog: 
- Changeable preselection: 

**Preselection**

- Owners: 
- Members: 
- Editors: 

**Default notification mail recipients**

![Recipient input field]

- Backend user
- Backend usergroup
Backend User Interface

Workspaces Notification Settings (2)

Stage publishing execute received configuration options

Stage "publishing execute":
- Settings dialog:
  - show dialog
  - changeable preselection

- Preselection:
  - owners
  - members
  - editors

Default notification mail recipients

Backend user
Backend usergroup
Backend User Interface

Search Functionality in Element Browser

File search has been added to the TYPO3 Element Browser (works recursively)
Sources and Authors

Sources

**TYPO3 News:**
- [http://typo3.org/news](http://typo3.org/news)

**Release Infos:**
- `INSTALL.md` and `ChangeLog`
- `typo3/sysext/core/Documentation/Changelog/*`

**TYPO3 Bug-/Issuetracker:**

**TYPO3 Git Repositories:**
- [https://git.typo3.org/Packages/TYPO3.CMS.git](https://git.typo3.org/Packages/TYPO3.CMS.git)
- [https://git.typo3.org/Packages/TYPO3.Fluid.git](https://git.typo3.org/Packages/TYPO3.Fluid.git)
Sources and Authors

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http://typo3.org/download/release-notes/whats-new

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