

# **TYPO3 CMS 7 LTS – What's New**

## Deprecated/Removed Functions

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# Introduction

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## 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:

	<i>BE User Interface</i>	<i>TypoScript</i>	<i>In-Depth Changes</i>	<i>Extbase/Fluid</i>	<i>Deprecated/Removed</i>	<i>Sys-Administration</i>
<b>Editors</b>	X					
<b>Integrators</b>		X	X		X	
<b>Developers</b>			X	X	X	
<b>SysAdmins</b>						X

Download all versions of the **What's New Slides** from [typo3.org](http://typo3.org)

# Deprecated/Removed Functions

A great many components of TYPO3 CMS have been reviewed and in accordance with TYPO3's deprecation policy either classified as deprecated or removed.

This ensures TYPO3 CMS 7 LTS does not rely on outdated and obsolete features and code routines, but benefits from modern and fast technologies which are state-of-the-art today.

Some rarely used content elements and functions have been moved to the system extension `EXT:compatibility6`, which can be activated if required.

# Deprecated/Removed Functions

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## Compatibility Layer

- TYPO3 CMS 6.2: a compatibility layer makes sure, old extensions work in the new codebase  
Drawback: decreased performance (not the full potential of the system)
- TYPO3 CMS 7.0: compatibility layer has been removed from the core  
Impact: old extensions possibly break (e.g. extensions without namespaces)
- Compatibility can be re-enforced by installing system extension  
EXT: `compatibility6` if required
- This extension will be moved to TER at one point in the future

# Deprecated/Removed Functions

## Backend User Management

- Switch to backend user ("change-to mode") has been removed

### TYPO3 CMS 6.2

Username / Real Name		Last login	
 editor1 Alice Brown	 Compare	    	Never
 editor2 John Smith	 Compare	     [change-to mode]	Never

### TYPO3 CMS 7.0

Username / Real Name		Last login	
 editor1	Never	 Compare	    
 editor2	Never	 Compare	     Switch to user

# Deprecated/Removed Functions

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## Removed Deprecated JavaScript Functions

- In accordance with the [deprecation strategy](#), a number of JavaScript methods, classified as *deprecated* since TYPO3 CMS 4.7, have been removed, for example:

```
\TYPO3\CMS\Backend\Form\FormEngine->getSingleField_typeInput  
\TYPO3\CMS\Backend\Form\FormEngine->getSingleField_typeText  
\TYPO3\CMS\Core\Utility\GeneralUtility->quoted_printable  
\TYPO3\CMS\Core\Utility\GeneralUtility->encodeHeader
```

```
HTMLArea.Editor.forceRedraw  
(use HTMLArea.Framework.doLayout instead)
```

```
HTMLArea.Editor.convertNode  
(use HTMLArea.DOM.convertNode instead)
```

```
HTMLArea.Editor.getBlockAncestors  
(use HTMLArea.DOM.getBlockAncestors instead)
```

# Deprecated/Removed Functions

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## Removed Functions (1)

- TypeScript setting `config.uniqueLinkVars` has been removed (this behaviour is the default now)
- ViewHelper `\TYPO3\CMS\Documentation\ViewHelpers\Link\Action` has been removed (use `f:be.buttons.icon` or `f:uri.*` instead)
- PageTSconfig option `mod.web_list.alternateBgColors` has been removed
- PropertyMapper has been removed (including option `rewrittenPropertyMapper = 0`)
- TypeScript conditions have been removed:
  - `browser`
  - `version`
  - `system`
  - `useragent`

# Deprecated/Removed Functions

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## Removed Methods (1)

The following **methods** have been removed:

- `connectDB`  
of class `\TYPO3\CMS\Frontend\Utility\EidUtility`
- `isDisplayCondition`  
of class `\TYPO3\CMS\Form\FormEngine`
- `int_from_ver`  
of class `\TYPO3\CMS\Core\Utility\GeneralUtility`
- `getUniqueFields`  
of class `\TYPO3\CMS\Core\DataHandling\DataHandler`

# Deprecated/Removed Functions

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## Removed Methods (2)

The following **methods** have been removed:

- `isSafeModeEnabled`  
of class `\TYPO3\CMS\Core\Utility\PhpOptionsUtility`
- `registerSwiftMailer`  
of class `\TYPO3\CMS\Core\Bootstrap`
- `loadTCA`  
of class `\TYPO3\CMS\Core\Utility\GeneralUtility`
- `isLocalconfWritable`  
of class `\TYPO3\CMS\Core\Utility\ExtensionManagementUtility`

# Deprecated/Removed Functions

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## Removed Classes

The following **classes** have been removed:

- `\TYPO3\CMS\Backend\Template\MediumDocumentTemplate`
- `\TYPO3\CMS\Extbase\Service\TypeHandlingService`

# Deprecated/Removed Functions

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## `$TYPO3_CONF_VARS[SYS][compat_version]`

- Option `$TYPO3_CONF_VARS[SYS][compat_version]` (which was modified on update in the Install Tool wizard) has been removed
- All checks on `GeneralUtility::compat_version` are now made against constant `TYP03_branch`

**Note:** TypeScript conditions, which check for older `compat_version` have a different behaviour now!

# Deprecated/Removed Functions

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## Inline styles of <blockquote> tag

- CSS Styled Content renders <blockquote> tags using `lib.parseFunc_RTE TypoScript`
- These lines have been removed without substitution:

```
lib.parseFunc_RTE.externalBlocks.blockquote.callRecursive.tagStdWrap.HTMLparser = 1
lib.parseFunc_RTE.externalBlocks.blockquote.callRecursive.tagStdWrap.HTMLparser.tags.blockquote.
  overrideAttribs = style="margin-bottom:0;margin-top:0;"
```

- As a result, inline styles "margin-bottom:0;margin-top:0;" are removed

Note: styling of <blockquote> tags possibly differ after an upgrade to TYPO3 CMS 7.1.

# Deprecated/Removed Functions

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## Workspaces: field `disable_autocreate`

- Deprecated field `disable_autocreate` has been removed from `EXT:workspaces`
- If a TYPO3 extension relies on this field, a SQL error occurs

# Deprecated/Removed Functions

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## Functionality `include_once`

- Functionality to include PHP files within module functions (e.g. Info module) via an `include_once` array has been removed
- This applies to the following modules:
  - Web => Page
  - Web => Page - New Content Element Wizard
  - Web => Functions
  - Web => Info
  - Web => Template
  - Web => Recycler
  - User => Task Center
  - System => Scheduler

# Deprecated/Removed Functions

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## Setting `config.meaningfulTempFilePrefix`

- In TYPO3 CMS < 7.1, file names of images generated by the GIFBUILDER could be influenced by TypoScript option:  
`config.meaningfulTempFilePrefix`  
(GIFBUILDER used a hash value as the file name only)
- This option has been removed (names of files in directory `typo3temp/GB/` show the original file name as the first element automatically)

# Deprecated/Removed Functions

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## Removed files

- The following **files** have been removed:
  - typo3/file\_edit.php
  - typo3/file\_newfolder.php
  - typo3/file\_rename.php
  - typo3/file\_upload.php
  - typo3/show\_rechis.php
  - typo3/listframe\_loader.php
- Their functionalities have been migrated to backend modules, e.g. `typo3/file_edit.php` in `BackendUtility::getModuleUrl('file_edit');`

# Deprecated/Removed Functions

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## ExtJS DateTimePicker

- ExtJS component `Ext.ux.DateTimePicker` has been removed and replaced with a Twitter Bootstrap alternative (see chapter "Backend User Interface")
- Affected TYPO3 CMS system extensions are `EXT:belog` or `EXT:scheduler` for example

**Note: extensions which rely on the deprecated function `Ext.ux.DateTimePicker` will likely break!**

# Deprecated/Removed Functions

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## Access List Render Mode

- The following **variable** has been removed:  
`$GLOBALS[TYPO3_CONF_VARS][BE][accessListRenderMode]`
- Corresponding fields in TCA tables `be_users` and `be_groups` are set to the default value "checkbox"
- This can be changed in file `typo3conf/extTables.php`:

```
$GLOBALS['TCA']['be_users']['columns']['file_permissions']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_users']['columns']['userMods']['config']['renderMode'] = 'singlebox';
```

```
$GLOBALS['TCA']['be_groups']['columns']['file_permissions']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_groups']['columns']['pagetypes_select']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_groups']['columns']['tables_select']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_groups']['columns']['tables_modify']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_groups']['columns']['non_exclude_fields']['config']['renderMode'] = 'singlebox';  
$GLOBALS['TCA']['be_groups']['columns']['userMods']['config']['renderMode'] = 'singlebox';
```

# Deprecated/Removed Functions

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## Content element "Mailform"

- Mailform functionality, which provided the cObject FORM, has been removed from the core
- Still available in legacy extension EXT:compatibility6 if required
- The following options have been marked as deprecated:

`$TYPO3_CONF_VARS` [FE] [secureFormmail]

`$TYPO3_CONF_VARS` [FE] [strictFormmail]

`$TYPO3_CONF_VARS` [FE] [formmailMaxAttachmentSize]

- The following methods within `TypoScriptFrontendController` have been removed:

```
protected checkDataSubmission()
```

```
protected sendFormmail()
```

```
public extractRecipientCopy()
```

```
public codeString()
```

```
protected roundTripCryptString()
```

# Deprecated/Removed Functions

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## Functionality changed (1)

- EXT: `indexed_search` is activated as soon as the extension is installed. As a result, appropriate TypoScript options `config.index_enable = 1` and `config.index_externals = 1` become active automatically, too
- TSconfig `web_func.menu.wiz` changed to `web_func.menu.functions`
- Extensions, which integrate into the upper right toolbar, must implement the new interface:  
`TYPO3\CMS\Backend\Toolbar\ToolbarItemInterface`  
and must be registered in:  
`$GLOBALS['TYPO3_CONF_VARS']['BE']['toolbarItems']`

# Deprecated/Removed Functions

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## Functionality changed (2)

- File `typo3/js/tree.js` has been replaced by `EXT:backend/Resources/Public/JavaScript/LegacyTree.js` (latter is based on jQuery)
- Variable `$GLOBALS['WEBMOUNTS']` has been replaced by `$GLOBALS['BE_USER']->returnWebmounts()`
- Support of `.t3-table` and `.t3-button` has been removed (Twitter Bootstrap classes implement the visual appearance now)
- Country flags (PNG images) have been moved from `typo3/gfx/flags/` and `typo3/sysex/t3skin/images/flags/` to: `typo3/sysex/core/Resources/Public/Icons/flags/`

# Deprecated/Removed Functions

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## Functionality changed (3)

- CSS Styled Content TypoScript templates for TYPO3 CMS 4.5 to 6.1 have been removed
- The following TypoScript cObjects have been moved to legacy extension `EXT:compatibility6`:

SEARCHRESULTS	COLUMNS	OTABLE	CLEARGIF
IMGTEXT	CTABLE	HRULER	

- Content element `search` has been moved to legacy extension `EXT:compatibility6`
- The following TCA wizard options have been removed:  
    `_PADDING`                      `_VALIGN`                      `_DISTANCE`

# Deprecated/Removed Functions

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## TypoScript option andWhere

- TypoScript option andWhere has been marked as deprecated
- Integrators should use properties where and markers instead:

```
page.30 = CONTENT
page.30 {
    table = tt_content
    select {
        pidInList = this
        orderBy = sorting
        where {
            dataWrap = sorting>{field:sorting}
        }
    }
}
```

```
page.60 = CONTENT
page.60 {
    table = tt_content
    select {
        pidInList = 73
        where = header != ###whatever###
        orderBy = ###sortfield###
        markers {
            whatever.data = GP:first
            sortfield.value = sor
            sortfield.wrap = |ting
        }
    }
}
```

# Deprecated/Removed Functions

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## Deprecated entry points

- The following entry points have been classified as deprecated:

- typo3/tce\_file.php
- typo3/move\_el.php
- typo3/tce\_db.php
- typo3/login\_frameset.php
- typo3/sysextd/cms/layout/db\_new\_content\_el.php
- typo3/sysextd/cms/layout/db\_layout.php

- Instead, use the following:

```
\TYPO3\CMS\Backend\Utility\BackendUtility::getModuleUrl('<parameter>')
```

Where *<parameter>* could be:

```
tce_file, move_element, tce_db, login_frameset,  
new_content_element, web_layout
```

# Deprecated/Removed Functions

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## Miscellaneous (1)

- TypoScript option `config.xhtmlDoctype = xhtml_2` has been marked for removal in TYPO3 CMS 8

- The following methods have been marked as deprecated:

`TYPO3\CMS\Backend\Utility\BackendUtility::implodeTSParams()`  
`TYPO3\CMS\Backend\Controller::makeLoginBoxImage()`

- The following method has been marked as deprecated:

`LocalImageProcessor::getTemporaryImageWithText()`

...and is replaced by:

`TYPO3\CMS\Core\Imaging\GraphicalFunctions::getTemporaryImageWithText()`

- StdWrap properties `textStyle` and `tableStyle` haven been marked as deprecated

# Deprecated/Removed Functions

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## Miscellaneous (2)

- TypoScript option `page.includeJSlibs` has been renamed to `page.includeJSLibs` (uppercase "L") and old option marked as deprecated
- TypoScript condition `device` has been marked as deprecated
- Method `DocumentTable::table()` has been marked as deprecated (developers should use Fluid for this)
- The following method has been marked as deprecated:

```
TYPO3\CMS\Frontend\Controller\  
    TypoScriptFrontendController::doXHTML_cleaning()
```

...as well as the TypoScript option `config.xhtml_cleaning`

- The following hook has been marked as deprecated:  
`$GLOBALS['TYPO3_CONF_VARS']['SC_OPTIONS']['GLOBAL']['softRefParser_GL']`

# Deprecated/Removed Functions

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## Miscellaneous (3)

- The following methods have been marked as deprecated:

```
TypoScriptTemplateObjectBrowserModuleFunctionController::  
    verify_TSobjects()  
ExtendedTemplateService::ext_getKeyImage()  
ConfigurationForm::ext_getKeyImage()
```

- Executing `contentObject->COBJECT()` has been marked as deprecated  
(use `$cObj->cObjGetSingle('...', $conf)`; instead)
- Direct access to `FormEngine::$renderReadOnly` has been marked as deprecated  
(use `AbstractFormElement::setRenderReadOnly(TRUE)`; instead)

# Deprecated/Removed Functions

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## Miscellaneous (4)

- The following FormEngine methods are marked as deprecated:
  - `FormEngine::insertDefStyle`
  - `FormEngine::getAvailableLanguages()`
  - `FormEngine::sL()`
  - `FormEngine::renderVDEFDiff()`
  - `FormEngine::getLL()`
  - `FormEngine::getTSCpid()`
  - `FormEngine::getSingleField_typeFlex_langMenu()`
  - `FormEngine::getSingleField_typeFlex_sheetMenu()`
  - `FormEngine::getSpecConfFromString()`

# Deprecated/Removed Functions

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## FormEngine Refactoring (1)

- A major refactoring of FormEngine classes and its sub classes happened, which impacts properties and methods
- In TYPO3 CMS 7.2 many internal properties, such as `FormEngine->$defaultInputWidth` or `FormEngine->$RTEenabled` are ignored
- properties `FormEngine->$allowOverrideMatrix` and `SuggestElement->class` are *protected* now
- If `format` of `type=none` is set to user in TCA, the configured `userFunc` no longer gets an instance of FormEngine as parent object, but an instance of `NoneElement`

# Deprecated/Removed Functions

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## FormEngine Refactoring (2)

- The following methods (and more) have been classified as **deprecated**:
  - `FormEngine->renderWizards()`
  - `FormEngine->dbFileIcons()`
  - `FormEngine->getClipboardElements()`
  - `FormEngine->getSingleField_typeNone_render()`
  - `FormEngine->formMaxWidth()`
  - `FormEngine->addItem()`
  - `SuggestElement->init()`
  - ...

**Tip:** review the `deprecation_*.log` to find out, where these methods have been ported to, in case your extension(s) use the FormEngine.

# Deprecated/Removed Functions

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## FormEngine Refactoring (3)

- The following methods have been **renamed**:

OLD: \TYPO3\CMS\Backend\Form\Element\SuggestElement

NEW: \TYPO3\CMS\Backend\Form\Wizard\SuggestWizard

OLD: \TYPO3\CMS\Backend\Form\Element\SuggestDefaultReceiver

NEW: \TYPO3\CMS\Backend\Form\Wizard\SuggestWizardDefaultReceiver

OLD: \TYPO3\CMS\Backend\Form\Element\VaueSlider

NEW: \TYPO3\CMS\Backend\Form\Wizard\ValueSliderWizard

# Deprecated/Removed Functions

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## Backend Entry Points

- The following Backend Entry Points are changed:

■ typo3/logout.php	(logout)
■ typo3/alt_file_navframe.php	(file_navframe)
■ typo3/dummy.php	(dummy)
■ typo3/browser.php	(browser)
■ typo3/db_new.php	(db_new)
■ typo3/show_item.php	(show_item)

- URLs can be determined by using the following approach:

```
\TYPO3\CMS\Backend\Utility\BackendUtility::getModuleUrl(...)
```

For example:

```
\TYPO3\CMS\Backend\Utility\BackendUtility::getModuleUrl('logout')
```

# Deprecated/Removed Functions

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## Backend Login Refactoring

- Due to a refactoring of the backend login, Fluid is used as the template engine and the signal `LoginController::SIGNAL_RenderLoginForm` has been **removed**
- Additionally the following methods of the `LoginController` have been **removed**:
  - `LoginController::makeLoginBoxImage`
  - `LoginController::wrapLoginForm`
  - `LoginController::makeLoginNews`
  - `LoginController::makeLoginForm`
  - `LoginController::makeLogoutForm`

# Deprecated/Removed Functions

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## Miscellaneous (1)

- In TYPO3 CMS < 7.2 URIs to a module which was dispatched through `mod.php` was stored as an array in a global variable `$GLOBALS['MCONF']['_']`.  
This has been **removed** without substitution and extensions need to use `BackendUtility::getModuleUrl()` instead.
- The option to retrieve the local path of a FAL file via TypoScript has been **removed**: `a.value.data = file:current:localPath`
- The following `tt_content` TCA fields have been moved to `EXT:compatibility6`:
  - `altText`
  - `imagecaption`
  - `imagecaption_position`
  - `image_link`
  - `longdescURL`
  - `titleText`

# Deprecated/Removed Functions

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## Miscellaneous (2)

- The third-party library `websvg` has been **removed** from the TYPO3 CMS core. The according TypoScript options (`page.javascriptLibs.SVG.*`) and public methods within `PageRenderer` have been **removed** without substitution, too.  
For example: `$pageRenderer->loadSvg()`
- The following keys under `mod.web_info.menu.function` have been **renamed** (this has an impact on `PageTSconfig`):

```
tx_cms_webinfo_page -> TYPO3\CMS\Frontend\Controller\PageInformationController
tx_cms_webinfo_lang -> TYPO3\CMS\Frontend\Controller\TranslationStatusController
tx_belog_webinfo -> TYPO3\CMS\Belog\Module\BackendLogModuleBootstrap
tx_infopagetsconfig_webinfo -> TYPO3\CMS\InfoPagetsconfig\Controller\
    InfoPageTyposcriptConfigController
tx_linkvalidator_ModFuncReport -> TYPO3\CMS\Linkvalidator\Report\LinkValidatorReport
```

# Deprecated/Removed Functions

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## Miscellaneous (3)

- Parameter `$returnHTML` of method `\TYPO3\CMS\Core\Utility\DebugUtility::debugRows()` is not used anymore and has been marked **deprecated**
- TypoScript option `config.prefixLocalAnchors` has been marked as **deprecated**, as well as the appropriate methods in `TypoScriptFrontendController`:  
`prefixLocalAnchorsWithScript()` and `doLocalAnchorFix()`
- Public method `$TSFE->checkFileInclude()` in the global `FrontendController` is **deprecated** now. Use the autoloader or `$TSFE->tmpl->getFileName()` instead.

# Deprecated/Removed Functions

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## Miscellaneous (4)

- The two cObjects `COBJ_ARRAY` (alias for `COA`) and `CASEFUNC` (alias for `CASE`) have been moved to extension `EXT:compatibility6` (and marked as **deprecated**) and are not available by default anymore
- The DataHandler property `stripslashes_values` has been marked as **deprecated**
- The "ThumbnailView" as well as `thumbs.php` and `BackendUtility::getThumbNail()` are **deprecated** now and will be removed in TYPO3 CMS Version 8 (see `BackendUtility::thumbCode()` for migration inspirations)

# Deprecated/Removed Functions

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## Miscellaneous (5)

- Namespace `mod.tx_linkvalidator` of the LinkValidator Scheduler Task changed to `mod.linkvalidator` in order to make the setting consistent with `TSconfig`

# Deprecated/Removed Functions

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## FormEngine Refactoring

### TCA:

- Options `_PADDING`, `_VALIGN` and `DISTANCE` have been removed from `TCA['aTable']['columns']['aField']['config']['wizards']`
- Key `TCA['aTable']['ctrl']['mainPalette']` has been removed

### TScnfig:

- Keys `mod.web_layout.tt_content.fieldOrder` and `TCEFORM.aTable.aField.linkTitleToSelf` have been removed

### Hooks:

- Hooks use key type instead of `form_type` now
- Hook `getSingleFieldClass` has been removed

# Deprecated/Removed Functions

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## Removal of IdentityMap from Extbase Persistence

- Class IdentityMap has been removed from Extbase persistence (a ReflectionException is thrown if it is still used)
- Accessing the previously existing IdentityMap properties within DataMapper and Repository will fail now and the creation of IdentityMap instances is not possible anymore
- Use "Sessions" persistence instead:

```
$session = GeneralUtility::makeInstance(ObjectManager::class)->get(
    \TYPO3\CMS\Extbase\Persistence\Generic\Session::class
);

$session->registerObject($object, $identifier);

if($session->hasIdentifier($identifier)) {
    $object = $session->getObjectByIdentifier($identifier, $className);
}
```

# Deprecated/Removed Functions

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## Miscellaneous (1)

- File `typo3conf/extTables.php` is deprecated.  
Use the following file instead:  
`<your_extension>/Configuration/TCA/Overrides/pages.php`
- Configuration `$TYPO3_CONF_VARS[GFX][png_to_gif]` has been removed
- In TYPO3 CMS installations, which do not have extension `rsaauth` installed, BE login passwords are transferred in plain text now (solution: install extension `rsaauth` or use HTTPS for the BE)
- Method `exec_SELECTgetRows()` validates parameter `$uidIndexField` now. If the specified field is not present in the database result, an `InvalidArgumentException` is thrown.

# Deprecated/Removed Functions

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## Miscellaneous (2)

- DBAL option `config.classFile` has been removed
- Options `iconOnly` and `styleAttributes` of `CshViewHelper` are marked as deprecated now
- TypoScript option `page.bgImg` is deprecated now
- Method `isEnabled()` of class `T3editor` is deprecated now
- Old TYPO3 `ClassLoader` has been removed in favor of `ComposerClassLoader`

# Deprecated/Removed Functions

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## System Extension `cms` Removed (1)

- System extension `cms` has been removed
- Extension developers should review dependency settings in file `ext_emconf.php`

```
[...]  
'constraints' => array(  
    'depends' => array(  
        // 'cms' => ' ... ',          <= WRONG!  
        'typo3' => '7.0.0-7.99.99',  
    ),  
)  
[...]
```

- Most of the functionality has been migrated to system extension `frontend` (this might require an update of language references, see next slide)

# Deprecated/Removed Functions

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## System Extension `cms` Removed (2)

### ■ Required updates of references to language files:

OLD: `typo3/sysext/cms/web_info/locallang.xlf`

NEW: `typo3/sysext/frontend/Resources/Private/Language/locallang_webinfo.xlf`

OLD: `typo3/sysext/cms/locallang_ttc.xlf`

NEW: `typo3/sysext/frontend/Resources/Private/Language/locallang_ttc.xlf`

OLD: `typo3/sysext/cms/locallang_tca.xlf`

NEW: `typo3/sysext/frontend/Resources/Private/Language/locallang_tca.xlf`

OLD: `typo3/sysext/cms/layout/locallang_db_new_content_el.xlf`

NEW: `typo3/sysext/backend/Resources/Private/Language/locallang_db_new_content_el.xlf`

OLD: `typo3/sysext/cms/layout/locallang.xlf`

NEW: `typo3/sysext/backend/Resources/Private/Language/locallang_layout.xlf`

OLD: `typo3/sysext/cms/layout/locallang_mod.xlf`

NEW: `typo3/sysext/backend/Resources/Private/Language/locallang_mod.xlf`

OLD: `typo3/sysext/cms/locallang_csh_webinfo.xlf`

NEW: `typo3/sysext/frontend/Resources/Private/Language/locallang_csh_webinfo.xlf`

OLD: `typo3/sysext/cms/locallang_csh_weblayout.xlf`

NEW: `typo3/sysext/frontend/Resources/Private/Language/locallang_csh_weblayout.xlf`

# Deprecated/Removed Functions

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## PageRenderer Methods Deprecated

- The following PageRenderer methods have been classified as **deprecated**:

```
TYPO3\CMS\Backend\Controller\BackendController::getPageRenderer()  
TYPO3\CMS\Backend\Template\DocumentTemplate::getPageRenderer()  
TYPO3\CMS\Backend\Template\FrontendDocumentTemplate::getPageRenderer()  
TYPO3\CMS\Frontend\Controller\TypoScriptFrontendController::getPageRenderer()
```

- The following code should be used to get an instance of the PageRenderer instead:

```
\TYPO3\CMS\Core\Utility\GeneralUtility::makeInstance(\TYPO3\CMS\Core\Page\PageRenderer::class)
```

# Deprecated/Removed Functions

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## Deprecated GeneralUtility Methods

- The following GeneralUtility methods have been classified as **deprecated** and will be removed in TYPO3 CMS version 8:

```
GeneralUtility::modifyHTMLColor()
GeneralUtility::modifyHTMLColorAll()
GeneralUtility::isBrokenEmailEnvironment()
GeneralUtility::normalizeMailAddress()
GeneralUtility::formatForTextarea()
GeneralUtility::getThisUrl()
GeneralUtility::cleanOutputBuffers()
GeneralUtility::readLLfile()
```

- Method `readLLfile()` can be replaced by the following code:

```
/** @var $languageFactory \TYPO3\CMS\Core\Localization\LocalizationFactory */
$languageFactory = GeneralUtility::makeInstance(
    \TYPO3\CMS\Core\Localization\LocalizationFactory::class
);
$languageFactory->getParsedData($fileToParse, $language, $renderCharset, $errorMode);
```

# Deprecated/Removed Functions

---

## JavaScript Libraries Removed

- JavaScript libraries `prototype.js` and `scriptaculous` have been removed. As a consequence, the following TYPO3 properties do not have any functionality anymore:

- `page.javascriptLibs.Prototype`
- `page.javascriptLibs.Scriptaculous.*`

- Using the following attributes in ViewHelper `be.container` results in an error:

```
<f:be.container loadPrototype="false" loadScriptaculous="false"
    scriptaculousModule="someModule,someOtherModule">
```

- As a replacement, `jQuery` and `RequireJS` should be used (which are already loaded in the backend by default)

# Deprecated/Removed Functions

---

## Deprecated: `init.php`, `mod.php` and `ajax.php`

- In order to clean up the content of folder `typo3`, the following files have been marked as **deprecated**: `init.php`, `mod.php` and `ajax.php`
- The following code can be used for Init Entry Points:

```
call_user_func(function() {  
    $classLoader = require __DIR__ . '/vendor/autoload.php';  
    (new \TYPO3\CMS\Backend\Http\Application($classLoader))->run();  
});
```

- The following method call can be used to access `mod.php`:

```
BackendUtility::getModuleUrl()
```

# Deprecated/Removed Functions

---

## TCA: Additional Palette Removed

- String `showitem` of TCA key types allowed developers to define an additional palette
- This has been removed and migrated to the normal palette now

### ■ Before:

```
'types' => array(  
    'aType' => array(  
        'showitem' => 'aField;aLabel;anAdditionalPaletteName',  
    ),  
)
```

### ■ Now:

```
'types' => array(  
    'aType' => array(  
        'showitem' => 'aField;aLabel, --palette--;;anAdditionalPaletteName',  
    ),  
)
```

# Deprecated/Removed Functions

---

## Miscellaneous (1)

- cObjects "Text" and "Text with Images" had a checkbox "RTE enabled" in the past. This has been removed, including the appropriate TCA option flag.
- The following TypoScript options to include PHP files have been removed:
  - `config.includeLibrary`
  - `config.includeLibs`
- Directory `typo3/ext` has been removed (but not the option to use global extensions: the directory can be created manually)

# Deprecated/Removed Functions

---

## Miscellaneous (2)

- ExtCore (a standalone, slim ExtJS adapter) has been removed, including the following TypeScript options:
  - `page.javascriptLibs.ExtCore.*`
  - `page.javascriptLibs.ExtJs.*`

This also includes the option in the `<f:be.container>` ViewHelper

- So called "BigButtons" ("Edit Page Properties", "Move Page",...) have been removed, including their TSconfig settings  
`mod.we_layout.disableBigButtons`

# Deprecated/Removed Functions

---

## Miscellaneous (3)

- Error- and exception handling can not longer be configured in extensions (e.g. overwritten in `ext_localconf.php`), but in files `LocalConfiguration.php` or `AdditionalConfiguration.php` only
- Field "General Record Storage Page", which contained the storage PID for a page, has been removed. The storage PID must be configured using TypoScript or FlexForms now.
- Function `IconUtility::getIcon()` has been classified as **deprecated** (use method `IconUtility::getSpriteIconForRecord()` instead)

# Deprecated/Removed Functions

---

## Slash-related Methods in GeneralUtility

- The following methods of class `GeneralUtility` have been marked as **deprecated**:
  - `GeneralUtility::addSlashesOnArray()`
  - `GeneralUtility::stripSlashesOnArray()`
  - `GeneralUtility::slashArray()`

# Deprecated/Removed Functions

---

## CLI-related Constants and Methods

- Logic regarding regular CLI-based scripts with the CLIkey option has been moved to the `cliRequestHandler` and therefore, the following method marked as **deprecated**:

```
BackendUserAuthentication->checkCLIuser()
```

- Additionally, the following constants and global parameters have been marked **deprecated**:

```
const TYPO3_cliKey  
const TYPO3_cliInclude  
$GLOBALS['MCONF']['name']  
$GLOBALS['temp_cliScriptPath']  
$GLOBALS['temp_cliKey']
```

# Deprecated/Removed Functions

---

## IconUtility

- Interface `IconUtilityOverrideResourceIconHookInterface` as well as class `IconUtility` will be removed in TYPO3 CMS 8
- All public methods of this class have been marked as **deprecated**:

<code>IconUtility::skinImg()</code>	<code>IconUtility::getIcon()</code>
<code>IconUtility::getSpriteIcon()</code>	<code>IconUtility::getSpriteIconForFile()</code>
<code>IconUtility::getSpriteIconForRecord()</code>	<code>IconUtility::getSpriteIconForResource()</code>
<code>IconUtility::getSpriteIconClasses()</code>	

(some methods have been moved to `IconFactory`)

- In addition, the following `PageTSConfig` setting has been marked as **deprecated**:

```
mod.wizards.newContentElement.wizardItems.*.elements.*.icon
```

# Deprecated/Removed Functions

---

## Deprecated `HtmlParser` Methods

- Marker substitution functionality has been moved from `core/Classes/Html/HtmlParser.php` to its own class `core/Classes/Service/MarkerBasedTemplateService.php`
- The following methods within `HtmlParser` will be removed in TYPO3 CMS 8 and have been marked as **deprecated** now:

```
HtmlParser::getSubpart()
```

```
HtmlParser::substituteSubpart()
```

```
HtmlParser::substituteSubpartArray()
```

```
HtmlParser::substituteMarker()
```

```
HtmlParser::substituteMarkerArray()
```

```
HtmlParser::substituteMarkerAndSubpartArrayRecursive()
```

# Deprecated/Removed Functions

---

## System extension form

- System extension form is based on Extbase/Fluid now
- Therefore all TypoScript-based layout settings have been marked as **deprecated** and using layout is not recommended anymore:

```
10 = FORM
10 {
    layout {
        containerWrap = <div><elements ></elements></div>
        elementWrap = <div><element ></element></div>
    }
}
```

# Deprecated/Removed Functions

---

## Deprecated ViewHelpers and Methods

- The following ViewHelpers have been marked as **deprecated**:

```
\TYPO3\CMS\Fluid\ViewHelpers\Be\Buttons\IconViewHelper  
\TYPO3\CMS\Backend\ViewHelpers\SpriteManagerIconViewHelper
```

- The following methods have been marked as **deprecated**:

```
BackendUtility::getExcludeFields()  
BackendUtility::getExplicitAuthFieldValues()  
BackendUtility::getSystemLanguages()  
BackendUtility::getRegisteredFlexForms()  
BackendUtility::exec_foreign_table_where_query()  
BackendUtility::replaceMarkersInWhereClause()
```

# Deprecated/Removed Functions

---

## AJAX Routes

- AJAX handlers registered in the core by `ExtensionManagementUtility::registerAjaxHandler()` have been replaced by AJAX routes, which are registered under `Configuration/Backend/AjaxRoutes.php`
- Complete list (old/new) is available at: [Breaking-69916-RegisteredAJAXHandlersReplacedByRoutes.rst](#)

# Deprecated/Removed Functions

---

## Miscellaneous

- Extension `mediace` has been moved to the TYPO3 Extension Repository
- TCA configuration `dynamicConfigFile` within the `ctrl` section of a table has been **deprecated**. The table configuration is located as `Configuration/TCA/<table_name>.php` now.
- The `jumpurl` function has been removed from the core and is available as an extension in TYPO3 Extension Repository

## Sources and Authors

# Sources and Authors

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## Sources

### TYPO3 News:

- <http://typo3.org/news>

### Release Infos:

- [https://wiki.typo3.org/Category:ReleaseNotes/TYPO3\\_7.x](https://wiki.typo3.org/Category:ReleaseNotes/TYPO3_7.x)
- [INSTALL.md](#) and [Changelog](#)
- `typo3/sysexst/core/Documentation/Changelog/*`

### TYPO3 Bug-/Issuetracker:

- <https://forge.typo3.org/projects/typo3cms-core>

### TYPO3 Git Repositories:

- <https://git.typo3.org/Packages/TYPO3.CMS.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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