Documentation TYPO3 Theme

This is the official documentation for the TechDivision TYPO3 (CMS) Theme.
The documentation is subject to change, so please refer to the original any time.
The current version is meant to be used with 6.x versions only.

Purpose of the TYPO3 Theme

We bundled any resources we have (Fluid-Templates, TypoScript, JavaScript, Sass, CSS and others) into one TYPO3-extension that contains all of those in a logical structure.
Therefore we used the common Extbase folder naming conventions, i.e. Classes/, Configuration/ and Resources/Private/ and Resources/Public/.
Further it comes with an installer that connects pages with your resources so that Database Records are being set dynamically.
It delivers readymade templates, but you are not bound to use them.
The general convention is: UpperCamelCased FolderNames

Advantages

Using an extension is very common in TYPO3. You can easily add it to your versioning system (git) and deploy it manually by just zipping it. You could also add a theme to the TER. It does not add any functionality to TYPO3 but just uses standard ways proven for many years. You can also use it in sophisticated deployment scenarios since you have access on the commandline.

Where to find which resources

Classes/
Here you find the installer logic, but also can put e.g. Viewhelpers.

Configuration/
This is the place where to put realurl-configuration, TCA and - most important - the Installer-Files (@see: How to prepare)

Resources/
  Private/
  All Resources that are not accessible from outside, e.g. TypoScript, Fluid-Templates, Sass (if you compile it locally) and language-files
  Public/
  All Resources that are accessible by anyone, e.g. CSS, Javascript, Images, fonts etc.

How to prepare

Within the folder Configuration/TypoScriptInstaller/ you find two important basic folders: Templates/ (for page templates) and TsConfig/ for UserTS and PageTS.
All of them are following the same basic principles, shown by the following examples:

A: One Rootpage in the pagetree

Use the keyword "RootPage" and create a folder
Configuration/TypoScriptInstaller/Templates/Sites/**RootPage/**

Within this folder you must add three files:

1. **Constants.ts**
2. **Setup.ts**
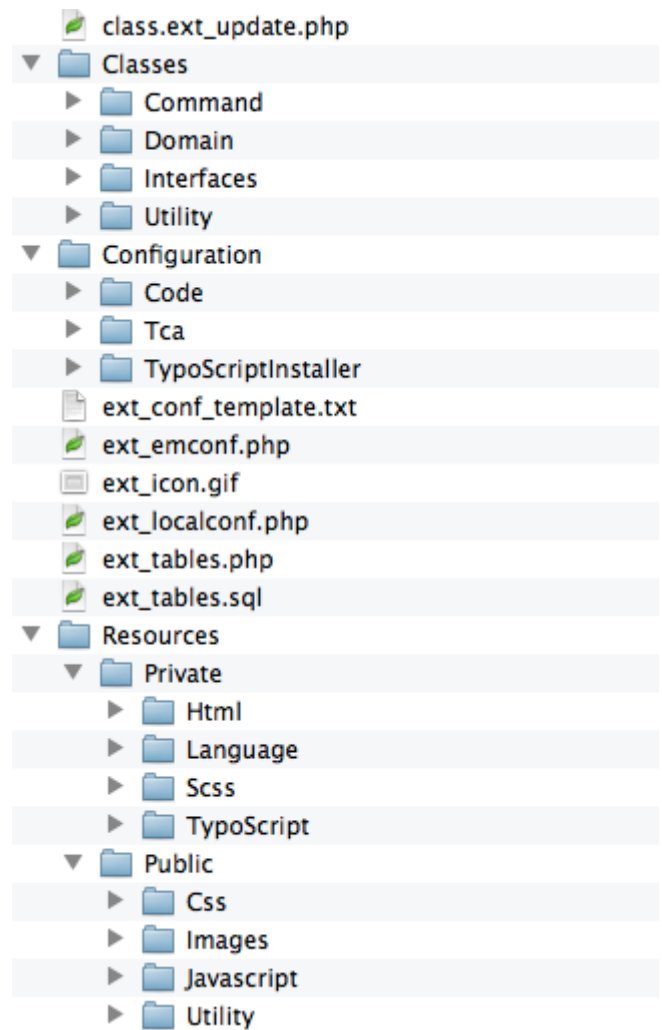3. **IncludeStatic.ts**

To explain the content of those files:

1. This file will be linked from your Template-Record. Inside this file set your constants as you are used to.
2. This file will be linked from your Template-Record. Inside this file set includes to the needed Setupfiles within **Resources/Private /TypoScript/**
3. Write files that would appear under the "Include Static Files (from extensions)" entry inside the Template Record, one per line. That could be something like "EXT:css_styled_content/static/" (consult the database if needed)

B: Multiple Rootpages in one tree

When using multiple rootpages, add any string that communicates well for the folders you create as in A

Configuration/TypoScriptInstaller/Templates/Sites/**SiteX /**
Configuration/TypoScriptInstaller/Templates/Sites/**SiteY /**

Now add the three files as described in A

C: Extension Templates

You can add as many extension Templates as you wish. Just create a subfolder "ExtensionTemplates" inside your RootPage folder

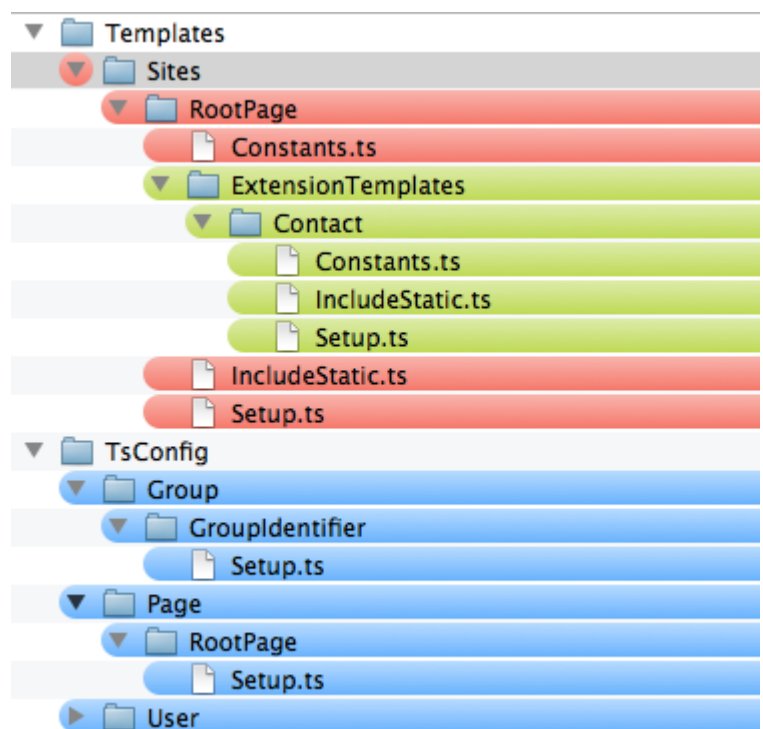Configuration/TypoScriptInstaller/Templates/Sites/SiteX/**ExtensionTemplates/**

Inside this folder create a subfolder for your page, e.g.
Configuration/TypoScriptInstaller/Templates/Sites/SiteX/ExtensionTemplates/**Contact/**

Now add the three files as described in A.

D: User / Group / Page TS Config

If you want to use Page-, User- (or Group-) TSConfig, the same procedure is applied except that you only need the Setup.ts file.
Configuration/TypoScriptInstaller/TsConfig/User/**Username/**

Configuration/TypoScriptInstaller/TsConfig/Group/**Groupname/**
Configuration/TypoScriptInstaller/TsConfig/Page/**RootPage/**

How to install

Now upload your extension (e.g. by making a zip file out of it) and install it. It ships with a new RecordType: "TypoScriptMapping-Identifier". Then:

A: One Rootpage

Edit Page "Home"

General	Access	Options	Extended

TSconfig:

```
<INCLUDE_TYPOSCRIPT:source="file:typo3conf/ext/typo3_theme/Configurat
```

Stop page tree: Restrict editing by non-Admins:
☐ Enabled ☐ Enabled

General Record Storage page:

Find records

Page

Is Root of Website:
☑ Enabled

Localization Settings:
☐ Hide default translation of page
☐ Hide page if no translation for current language exists

Backend Layout (this page only)
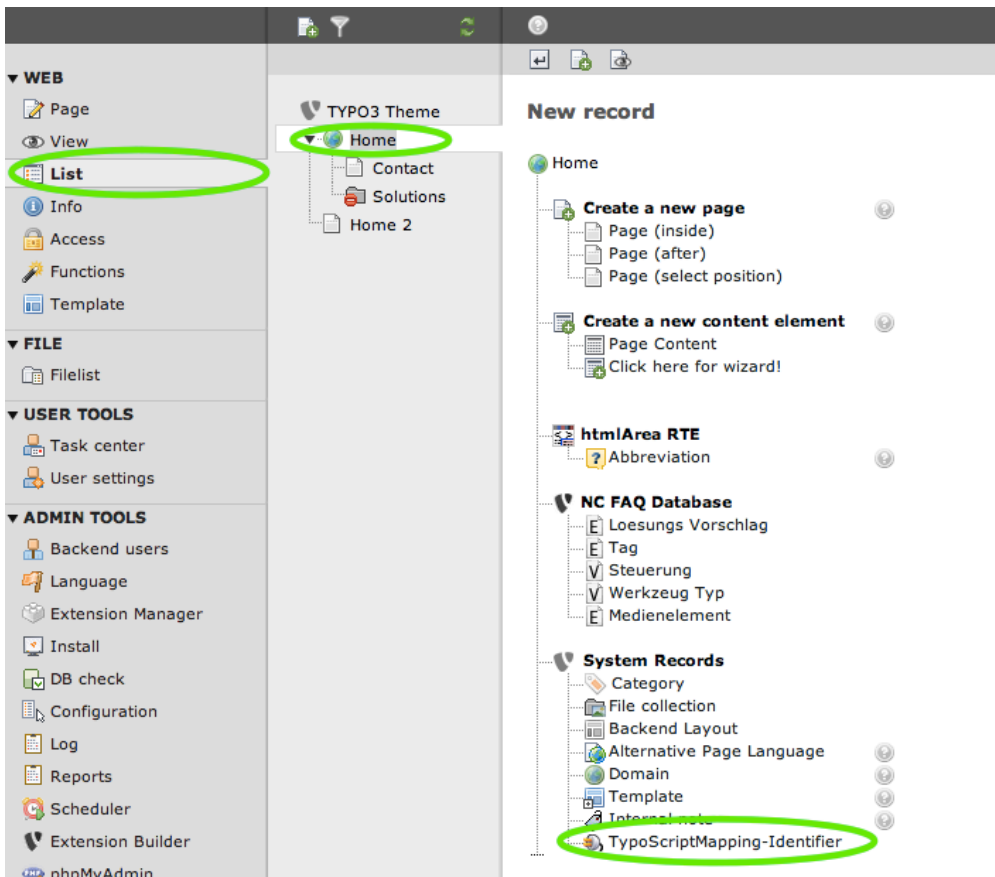Layout
Backend Layout (subpages of this page)
Layout

Make sure your rootpage is marked as such in the page properties. It will have a green globe as its icon in the pagetree. There MUST be only one RootPage in your pagetree.

B: Multiple RootPages

Using "Web > List" add a "TypoScriptMapping-Identifier" Record for each of your pages that is the same as the folder you have added.
The Identifier will be lowercased, dont worry - user UpperCamelCase in your folders anyway. They will be unique for your whole pagetree!

Configuration/TypoScriptInstaller/Templates/Sites/**SiteX/** has the identifier **"sitex"**

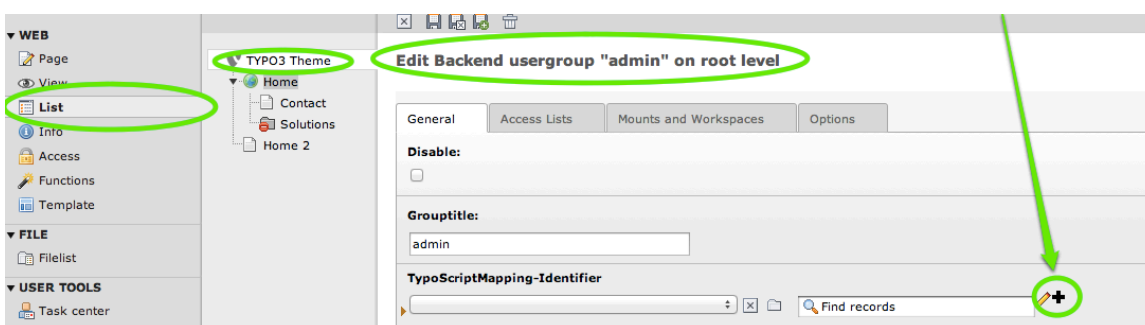## C: Extension Templates

Same as above.
Configuration/TypoScriptInstaller/Templates/Sites/SiteX/ExtensionTemplates/**Contact/** has the identifier **"contact"**

D: PageTS

Also add Identifiers accordingly via Web > List. You can use the same Identifiers as you did with the Root- or ExtensionTemplates
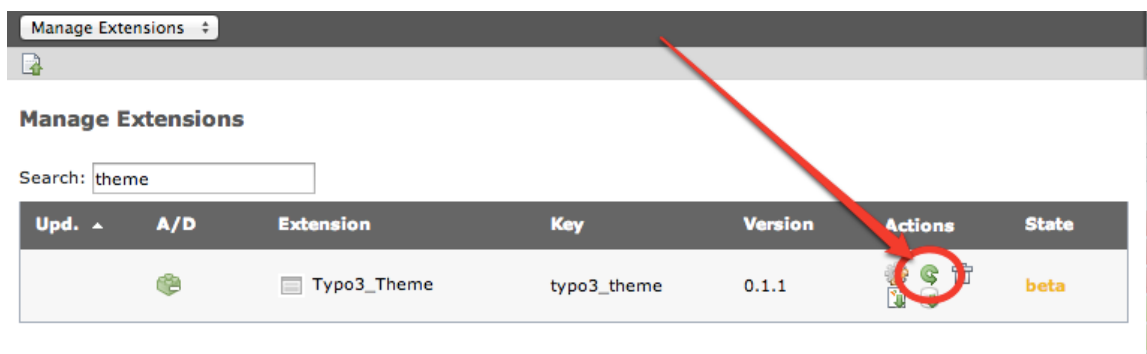
D: UserTS

Add the identifiers, but link them with the group or user record. The identifiers will be stored on id=0 in the tree.

Next Step

Go to the Extension Manager and click the Update-Button (maybe not available in 6.0). Now the TypoScript records will be added to the database.

ATTENTION: Existing records may be affected.
You can as well use the command line with the command

```
$ ./cli_dispatch.phpsh extbase installtyposcript:installalltyposcript
```

If you used the standard TechDivision Theme, you also have to choose a backend_layout in the page properties, otherwise it will fail.
It has to map to one of the IDs given in Resources/Private/Html/Partials/BackendLayouts/