Urltrans

⚠ See Urltranslation for the 5.6 compatible version.

Magnolia Compatibility	
5.5	✅

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What is the Urltrans Module?

Take a look at this page: https://documentation.magnolia-cms.com/display/DOCS/Language+configuration#Languageconfiguration-Onehierarchyormany

If you choose to store your international website in ONE hierarchy you face the problem that the URL cannot be localized. This is very bad for SEO as the URL is very important to search engines.

The urltrans module allows you to localize the URL even if you have only one hierarchy.

How to use it?

The localized property "name" is used to store the localized name of a website document.

🟩 name_de	Stellenangebote	String
🟩 name_en	Job offers	String
🟩 name_es	Vacantes	String
🟩 name_fr	Offres d´emploi	String

The name used for the **fallback language** is not configured in a property. Here the node name of the website document is used

The page properties tab of the STK dialog is modified (/modules/standard-templating-kit/dialogs/generic/master/basePageProperties/tabMain/name).

Only safe characters are allowed (e.g. no '/'). When you set the localized name for the fallback language the website document will be renamed. This is currently resulting in a 404 error, because you are still editing the old document.

How does it work?

When the web user requests a localized URL a filter looks up the localized URL by querying the JCR repository. When it finds the document it simply replaces the URL with the the node's path.

Filters which are executed **after** the UrltransFilter (like ContentSecurity) see the path in fallback language.

Filters which are executed **before** the UrltransFilter (like CacheFilter) see the localized path. The document is stored in the Magnolia cache at the very end of the filter chain, but the clever cache developers use the request path and not the handle of the aggregationState, so caching works perfectly.

Links

A link transformer renders the URL in the localized language. Unfortunately the following STK class must be changed for versions prior to STK 2.0.11. Without this patch the the URLs of CSS stylesheets are rendered incorrectly.

info.magnolia.module.templatingkit.resources.Resource.getLink()

```
            // remove the content related part from the full uri
            // now we can create the link safely and we are sure that the multisite filter will
            // detect the correct site
            int ndx = fullLinkToPage.length();
            for (int cnt = StringUtils.countMatches(pagePath, "/"); cnt > 0; cnt--)
                ndx = fullLinkToPage.lastIndexOf('/', ndx-1);
            linkPrefix = fullLinkToPage.substring(0,  ndx);
            // fullLinkToPage may have been localized
            // linkPrefix = StringUtils.removeEnd(fullLinkToPage, pagePath);
```

Performance
On the public instances the JCR query result is cached in memory. The cache is cleared during activation.

Maven

```
<dependency>
<groupId>com.eqs.magnolia.urltrans</groupId>
<artifactId>magnolia-module-urltrans</artifactId>
<version>4.0</version>
</dependency>
```

Download

magnolia-module-urltrans-4.0.jar