

## EXT: TEQneers SEO Enhancements

Extension Key: tq\_seo

Language: en

Keywords: SEO, Sitemap, Pagetitle, Metatags, Google, Yahoo, Bing, Google Analytics, Piwik, P3P

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- a GNU/GPL CMS/Framework available from [www.typo3.org](http://www.typo3.org)

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# Introduction

Problems while reading this document? Try the PDF-Version →  
[http://static.teqneers.com/storage/opensource/tq\\_seo\\_manual.pdf](http://static.teqneers.com/storage/opensource/tq_seo_manual.pdf)

## What does it do?

This extensions will handle multiple page metatags and pagetitle manipulations in TYPO3. It's a replacement and major improvement for the "metatags" extension.

The following features are supported:

- Indexed XML sitemap for Google and other search engines (with support for ALL extensions, pibase and extbase, not only tt\_news)
- Real sitemap builder via TYPO3 scheduler
- Metatags
  - Manipulation of Metatags via stdWrap (Beta)
  - Automatic fetching metatags from tt\_news (single-display module)
- Pagetitle manipulations
  - Manipulation of pagetitle via stdWrap (Beta)
- Multi-language and/or multi-tree TYPO3 installations
- Backend modules:
  - SEO page module
  - SEO control center module
  - SEO sitemap module

The following metatags are supported:

- Language (auto-detected)
- Description
- Keyword
- Copyright information
- Reply-To E-Mail-Address
- Author and publisher
- Rating and distribution
- Revisit
- Geo-location information
- Searchengine Crawler orders
- Google Analytics (with anonymize IP and download link tracking, asynchronous implementation since 4.0)
- Piwik integration (asynchronous implementation since 4.0)
- Google, MSN, Yahoo and WebOfTrust Verification
- Google+ Direct Connect
- Canonical URL (Custom URL or autogenerated to current page)
- IE Compatibility-Mode
- Google Expire Date
- Index, up, prev und next link-metatags

- P3P-HTTP-Headers

The following pagetitle transformations are supported:

- Prefix and suffix (inheritable)
- Absolute pagetitle without any prefix and suffix
- Sitetitle glue options
- Sitetitle position

## Screenshots

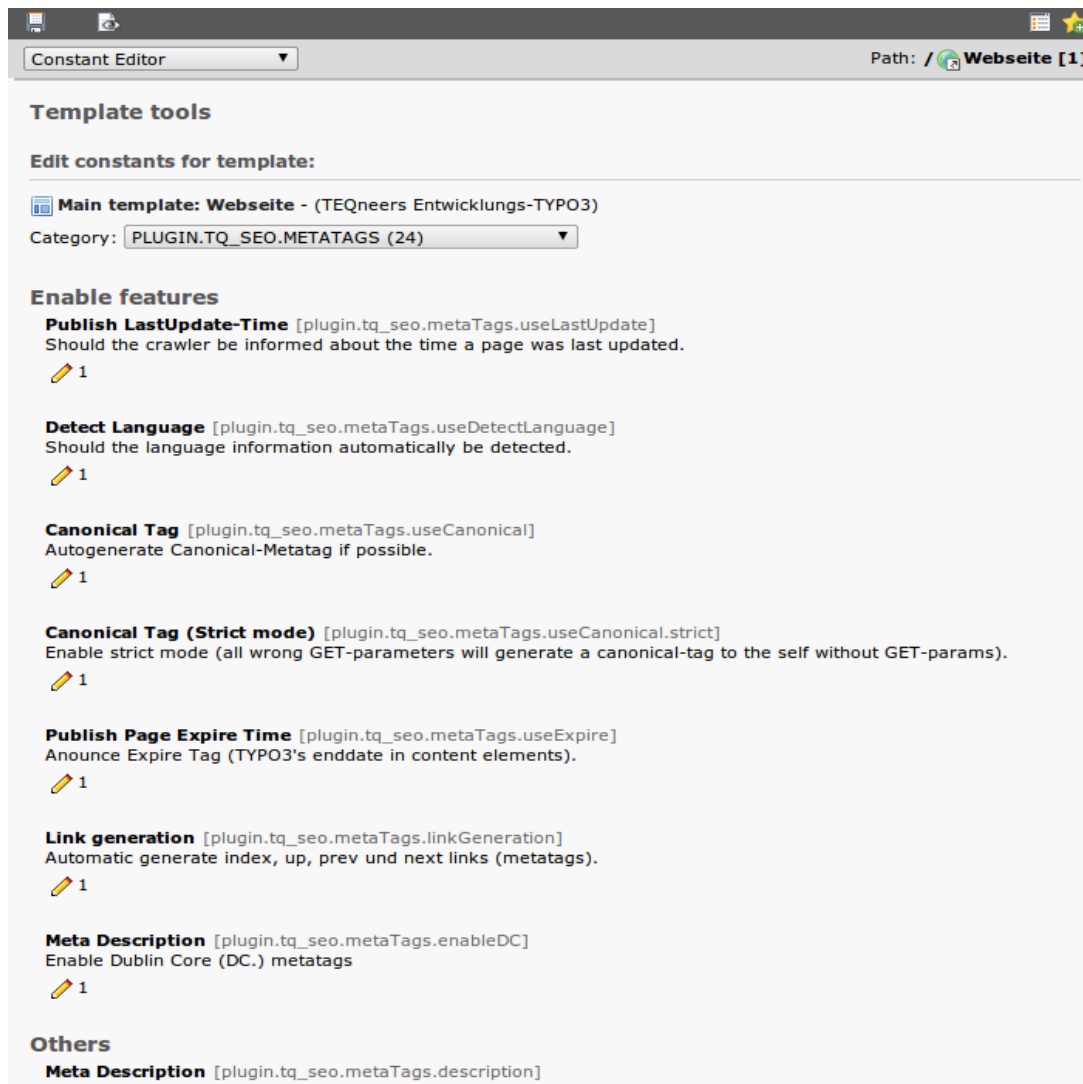


Illustration 1: TYPO3 Metatag-Constants

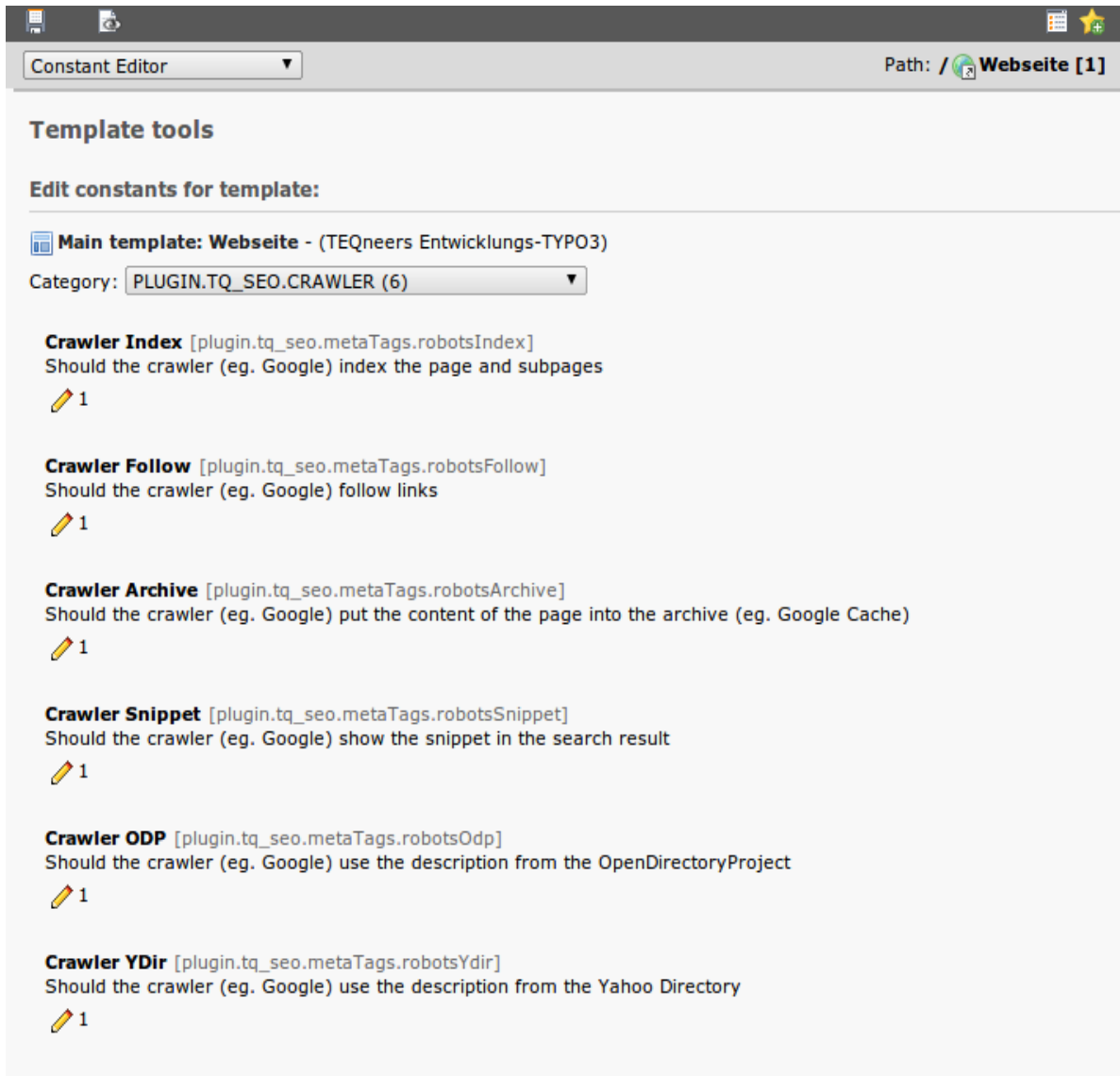


Illustration 2: TYPO3 Crawler-Constants

Constant Editor Path: / Webseite [1]

### Template tools

Edit constants for template:

Main template: Webseite - (TEQneers Entwicklungs-TYP03)  
Category: PLUGIN.TQ\_SEO.SERVICES (14)

### Enable features

**Enable Services if header is disabled** [plugin.tq\_seo.services.enableIfHeaderIsDisabled]  
If config.disableAllHeaderCode = 1 then services are automatically disabled (eg. for ajax calls) to prevent duplicate hits in google analytics/piwik (and/or javascript issues)  
[Empty]

### Others

**Google Crawler Verification** [plugin.tq\_seo.metaTags.googleVerification]  
Verification code for google webmaster tools  
[Empty]

**MSN Crawler Verification** [plugin.tq\_seo.metaTags.msnVerification]  
Verification code for msn webmaster tools  
[Empty]

**Yahoo! Crawler Verification** [plugin.tq\_seo.metaTags.yahooVerification]  
Verification code for yahoo! webmaster tools  
[Empty]


**Web Of Trust Verification** [plugin.tq\_seo.metaTags.wotVerification]  
Verification code for Web of trust (mywot.com)  
[Empty]

**Google Analytics** [plugin.tq\_seo.services.googleAnalytics]  
Code for google analytics (eg. UA-12345456-1)  
[Empty]

**Google Analytics Download & Click D...** [plugin.tq\_seo.services.googleAnalytics.domainName]  
"auto", "none", single domain support: "example.com", subdomain support: ".example.com"  
[example.com]

**Google Analytics Anonymize IP** [plugin.tq\_seo.services.googleAnalytics.anonymizeIp]  
Enable anonymize IP  
[checked]

Illustration 3: SEO Services (eg. verification codes)

Path: /  **Webseite [1]**

### Edit Page "Webseite"

General
Access
Metadata
**SEO**
Appearance
Behaviour
Resources
Extended

**Pagetitle**  
title-TAG (absolute, without prefix/suffix)

Prefix (inheritable) Suffix (inheritable)

Inheritance mode  
Normal ▼

**Searchengines**  
Exclude page from SearchEngines  
☐

Canonical URL (if your content is a copy from another webpage, link here to it)

**Sitemap**  
Priority (0-100)  
1

Page change frequency  
Default (see constants) ▼

Illustration 4: SEO-pagesettings in TYPO3



Metatags

Search Search...

| Page                   | Keywords      | Description | Abstract      | Author N... | Author E-... | Last upda... |
|------------------------|---------------|-------------|---------------|-------------|--------------|--------------|
| Content Elements       |               |             |               |             |              |              |
| Headers                | cow, pighdos  |             | Headers are r |             |              |              |
| Text                   | Keywords      | Description | Nunc ferment  |             |              |              |
| Bulletlists            |               |             | Aliquam eget  |             |              |              |
| Tables                 | strawberry, b |             | Pellentesque  |             |              |              |
| Forms                  |               |             |               |             |              |              |
| Thank you!             |               |             |               |             |              |              |
| Search                 |               |             |               |             |              |              |
| Search result          |               |             |               |             |              |              |
| Login - protected page |               |             |               |             |              |              |
| Menu/Sitemap           | cow,banana    | test        |               |             |              |              |
| Frames and spacing     |               |             |               |             |              |              |

Depth 2

Illustration 5: SEO-page module in TYPO3

URL Handling

Search

Search...

| Page                | Scheme  | Alias  | RealURL Path Se... | RealURL Pa... | RealURL Ex... |
|---------------------|---------|--------|--------------------|---------------|---------------|
| Content Elements    | Default |        |                    | No            | No            |
| Headers             | Default |        |                    | No            | No            |
| Text                | Default |        |                    | No            | No            |
| Bulletlists         | Default | bullet |                    | No            | No            |
| Tables              | Default |        |                    | No            | No            |
| Forms               | Default |        |                    | No            | No            |
| Thank you!          | Default |        |                    | No            | No            |
| Search              | Default |        |                    | No            | No            |
| Search result       | Default |        |                    | No            | No            |
| Login - protected p | Default |        |                    | No            | No            |
| Menu/Sitemap        | Default |        |                    | No            | No            |
| Frames and spacin   | Default |        |                    | No            | No            |

Depth

2

*Illustration 6: SEO-page module in TYPO3*

★

Pagetitle Simulator (Slow!) ▼

Search

| Page                   | Title (Simulated)  |
|------------------------|--|
| Content Elements       | Content here! suffix: TEQneers Entwicklungs-TYPO3          |
| Headers                | Absolute Headers Title                                     |
| Text                   | Prefix Text Suffix: TEQneers Entwicklungs-TYPO3            |
| Bulletlists            | Bulletlists suffix: TEQneers Entwicklungs-TYPO3            |
| Tables                 | Tables suffix: TEQneers Entwicklungs-TYPO3                 |
| Forms                  | Forms suffix: TEQneers Entwicklungs-TYPO3                  |
| Thank you!             | Thank you! suffix: TEQneers Entwicklungs-TYPO3             |
| Search                 | Search suffix: TEQneers Entwicklungs-TYPO3                 |
| Search result          | Search result suffix: TEQneers Entwicklungs-TYPO3          |
| Login - protected page | Login - protected page suffix: TEQneers Entwicklungs-TYPO3 |
| Menu/Sitemap           | Menu/Sitemap suffix: TEQneers Entwicklungs-TYPO3           |
| Frames and spacing     | Frames and spacing suffix: TEQneers Entwicklungs-TYPO3     |

Depth  ▼

Illustration 7: SEO-page module in TYPO3

Sitemap list for "Webseite" (UID:1)

Search  PID  Language -- All -- Depth -- All --

|                          | PID | URL  | Depth | Language |
|--------------------------|-----|--|-------|----------|
| <input type="checkbox"/> | 31  | news/detail.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 10  | content-elements/frames-and-spacing.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 11  | content-elements/menusitemap.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 14  | content-elements/search.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 16  | content-elements/forms.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 18  | content-elements/tables.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 19  | content-elements/bullet.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2000/january/01/article/news-2000.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2005/january/01/article/news-2005.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2007/july/27/article/news-2007.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/header-der-news-copy-1-1.html                               | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/nunc-at-ultricies-lorem.html                                | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/lorem-ipsum-dolor-sit-amet-consectetur-adipiscing-elit.html | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/31/article/header-der-news-copy-1.html                                 | 3     | Deutsch  |
| <input type="checkbox"/> | 3   | nc/contact.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 6   | about-us.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 13  | login.html   | 2     | Deutsch  |
| <input type="checkbox"/> | 34  | archiv.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 14  | content-elements/segment.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 22  | alias.html   | 2     | Deutsch  |

Page 1 of 1 Show rows 1 - 28 of 28 Delete

Illustration 8: SEO-sitemap module in TYPO3

# Users manual

## Installation

- Install Extension via Extension Manager.
- Include "static extension template" (Template → Info/Modify → Edit the whole template record → "Include static (from extensions):" and select "TEQneers SEO")
- Modify your metatags via constants editor

## Indexed Sitemap

The sitemap will automatically collect all cacheable sites and provides a xml- and plaintext-output – that's why it is "indexed".

The XML-Sitemap (eg. for Google) is available with: `index.php?type=841132`

The TXT-Sitemap is available with: `index.php?type=841131`

If you have more than one tree in your TYPO3 you will have to add the root-PID to your Sitemap, eg:

Tree #1 with PID 123: `index.php?id=123&type=841132`

Tree #2 with PID 234: `index.php?id=234&type=841132`

If you have also enabled "sitemap\_ObeySysLanguage" in the extension configuration you also have to add the language-id for your Sitemap - eg. for seperated language-domain eg. `example.com` (only english sites) and `example.de` (only german sites).

The sitemap will index ALL cacheable pages with full extension support (like tt\_news and all other "clean" extensions).

If your extension doesn't use cHash or use no\_cache the outwill WILL NOT included in the sitemap (and also will not be indexed by index\_search).

Also the sitemap indexes all generated "typolink" (BETA).

### Warning:

The TQ Seo Sitemap relies on the TYPO3 caching system. If any extension (or configuration – eg. RealURL configuration) break the caching system and makes TSFE non-cacheable (TSFE->no\_cache) the sites will NOT INDEXED!

Make sure no extension will set no\_cache and the cHash of your link is valid. This is the only way to get only valid URLs into your sitemap.

This sitemap supports both, pibase- and extbase-Extensions without problems. However the developer must take care of the cHash-handling.

## Robots.txt

The robots.txt can be gerated with type 841133, eg.:

`index.php?type=841133`

If possible and enabled the robots.txt buidler will automatically add the link to the sitemap generator or the static sitemap files (will require TYPO3 Scheduler task to generate the static sitemap).

## Metatags

| Constant                          | Description:   | Default: |
|-----------------------------------|--|----------|
| Last Update time                  | Publish the update time of the current page  | enabled  |
| Detect Language                   | Publish the current TYPO3-FE-language as metatag   | enabled  |
| Canonical Tag                     | Publish canonical link if possible (TYPO3-Cache is enabled and cHash is valid) or if user entered canonical tag into page options.   | enabled  |
| Canonical Tag (Strict mode)       | Enable strict mode (all wrong GET-parameters will generate a canonical-tag to the self without GET-params).<br><br>eg. /index.php?id=123&foo=bar would generate a Canonical-Tag pointing to /index.php?id=123 if the cHash is wrong or caching is disabled   | disabled |
| Publish Page Expire Time          | Publish expire date from the "End Date" of the page.<br>Currently only used for Google.  | enabled  |
| Link generation                   | Automatic generate index and up-links.<br>Next/Prev wil follow in the next version.  | enabled  |
| Enable Dublin Core (DC.) metatags | Enable/Disable output of dublin core (DC) metatags   | enabled  |
| Description                       | Default description of your pages.<br><br>Overwritten by description of page   |          |
| Keywords                          | Default list of keywords<br><br>Overwritten by keywords of page  |          |
| Copyright info                    | Copyright information of your page   |          |
| Reply-to email                    | E-Mail address for contact   |          |
| Author                            | Default author<br><br>Overwritten by author of page  |          |
| Publisher                         | Publisher of the website   |          |
| Language                          | Overwrite language detection   |          |
| Rating                            | Rating of the website  |          |
| Distribution                      | Distribution of your website   |          |
| Revisit after                     | Number of days between search engine visits  |          |
| Geo Location                      | Geo-Location of your webpage with latitude, longitude, region and placename  |          |
| PICS-label                        | Platform for Internet Content Selection<br><br>see <a href="http://www.w3.org/PICS/labels.html">http://www.w3.org/PICS/labels.html</a>   |          |
| P3P Compact Policy                | Your P3P Compact Policy.<br><br>More informations about P3P:<br><a href="http://www.w3.org/P3P/">http://www.w3.org/P3P/</a><br><a href="http://www.w3.org/TR/P3P/">http://www.w3.org/TR/P3P/</a><br><a href="http://en.wikipedia.org/wiki/P3P">http://en.wikipedia.org/wiki/P3P</a><br><a href="http://www.p3pwriter.com/LRN_111.asp">http://www.p3pwriter.com/LRN_111.asp</a> |          |
| P3P Policy Url                    | Link (full URL) to your P3P Policy File  |          |

Some metatags also have markers which could be build in, following metatags supports markers:

- Title
- Description
- Keywords
- Copyright
- Publisher

Following Markers are available:

| Marker | Description: | Example: |
|--------|--------------|----------|
| %YEAR% | Current year | 2011     |

## UserAgent

| Constant              | Description:                                       | Default: |
|-----------------------|--|----------|
| IE Compatibility Mode | Compatibility mode for Microsoft Internet Explorer |          |

## Crawler

| Constant | Description:   | Default: |
|----------|--|----------|
| Index    | Should the crawler index your website?   | enabled  |
| Follow   | Should the crawler follow links on your website?   | enabled  |
| Archive  | Is the crawler allowed to archive the page (eg. google cache)                                | enabled  |
| Snippet  | Should the crawler use the snippet/description in search results                             | enabled  |
| ODP      | Should the crawler use the OpenDirectoryProject to display the description in search results | enabled  |
| YDir     | Should the crawler use the YahooDirectory to display the description in search results       | enabled  |

## Services

| Metatag                                 | Description:   | Default: |
|---|--|----------|
| Crawler Verification                    | Verification code for Google, MSN and Yahoo webmaster tools and Web of trust   |          |
| Google Analytics                        | The google analytics code for using on your site<br>(Will not be shown in frontend if BE-user is logged in, can be re-enabled in BE-Login-Mode: <code>plugin.tq_seo.services.googleAnalytics.showIfBeLogin = 1</code> )  |          |
| Google Analytics Cookie Domain Name     | If you want to limit the current google analytics to one domain (or subdomain) set the domain name here, eg.:<br><br><ul style="list-style-type: none"> <li>- "auto" (default in google analytics)</li> <li>- "none"</li> <li>- single domain (eg. "example.com")</li> <li>- subdomain (eg. ".example.com")</li> </ul><br>Fore more informations visit:<br><a href="http://code.google.com/intl/de-DE/apis/analytics/docs/gaJS/gaJSApiDomainDirectory.html#_gat.GA_Tracker_._setDomainName">http://code.google.com/intl/de-DE/apis/analytics/docs/gaJS/gaJSApiDomainDirectory.html#_gat.GA_Tracker_._setDomainName</a> |          |
| Google Analytics Anonymize IP           | Anonymize the last part of the IP (may be required in some countries)  | disabled |
| Google Analytics Track Downloads (BETA) | Try to track downloads with google analytics.<br>See <code>res/ga-track-download.js</code> for more details<br><br>Currently supported files:<br>doc,docx,xls,ppt,odt,ods,pdf,zip,tar,gz,txt,vsd,vxd,rar,exe,wma,mov,avi,ogg,ogm,mkv,wmv,mp3,webm  | disabled |
| Piwik URL                               | Url to your Piwik installation (without <code>http://</code> and <code>https://</code> )   |          |
| Piwik ID                                | Tracking id of your website in your piwik  |          |

| Metatag                            | Description:   | Default:               |
|------------------------------------|--|------------------------|
| Piwik Download & Click Domain Name | <p>Specifies which domains are internal domains:</p> <ul style="list-style-type: none"> <li>- single domain (eg. "example.com")</li> <li>- subdomain (eg. ".example.com")</li> </ul> <p>For more informations visit:<br/> <a href="http://piwik.org/docs/javascript-tracking/">http://piwik.org/docs/javascript-tracking/</a></p>      |                        |
| Piwik Cookie Domain Name           | <p>Specifies the domain name for the tracking cookie:</p> <ul style="list-style-type: none"> <li>- single domain (eg. "example.com")</li> <li>- subdomain (eg. ".example.com")</li> </ul> <p>For more informations visit:<br/> <a href="http://piwik.org/docs/javascript-tracking/">http://piwik.org/docs/javascript-tracking/</a></p> |                        |
| Piwik DoNotTrack                   | Opt Out users with Mozilla's DoNotTrack browser setting  | enabled<br>(since 4.0) |

## Social

| Service                | Description:   | Default:      |
|------------------------|--|---------------|
| Google+ Direct Connect | <p>Your Google+ Profile Page ID</p> <p>see <a href="https://developers.google.com/+/plugins/badge/">https://developers.google.com/+/plugins/badge/</a></p> | (since 5.0.0) |

## Pagetitle

| Metatag                                       | Description:   | Default:                   |
|---|--|----------------------------|
| Apply tmpl-sitetitle to absolute <title>      | <p>There is a prefix/suffix for your pagetitle defined in your root template settings.</p> <p>If you use the SEO-Absolute-Pagetitle settings you can disable this suffix/prefix here.</p>      | disabled<br>(since 1.1.0)  |
| Apply tmpl-sitetitle to prefix/suffix <title> | <p>There is a prefix/suffix for your pagetitle defined in your root template settings.</p> <p>If you use the SEO-Pagetitle-Suffix/Prefix settings you can disable this suffix/prefix here.</p> | enabled                    |
| Sitetitle glue                                | Glue between Pagetitle (from Page) and Sitetitle (from template)   | :                          |
| Sitetitle glue spacer (before)                | Add spacer before glue string  | disabled                   |
| Sitetitle glue spacer (after)                 | Add spacer after glue string   | enabled                    |
| Sitetitle position                            | <p>Position of Sitetitle (from template)</p> <p>Possible options:<br/> Sitetitle-Pagetitle (eg. Example Company: About us)<br/> Pagetitle-Sitle (eg. About us: Example Company)</p>            | Sitetitle-Pagetitle<br>(0) |
| Sitetitle                                     | Overwrite the template sitetitle with a custom one   |                            |

## Sitemap

| Metatag    | Description:   | Default: |
|------------|--|----------|
| Enable     | Enables output (if set on root-pid of tree) and indexing for the whole subtree | enabled  |
| Page limit | Limit pages on sitemap-xml-pages   | 10000    |



| Metatag                        | Description:  | Default: |
|--------------------------------|---|----------|
| Limit to current language      | <p>Limit output of the sitemap to the current language.</p> <p>This will enable multi-language-domain sitemaps. eg:<br/> <a href="http://www.example.com">www.example.com</a> (FE-Language is english) will output only english pages<br/> <a href="http://www.example.de">www.example.de</a> (FE-Language is german) will output only german pages</p> <p>This option was ported from the extension configuration and will replace this configuration.</p> | disabled |
| Default change frequency       | Default change frequency for sitemap cache (will be cached!)  |          |
| Page priority                  | <p>Default page priority if the page have no own priority set</p> <p>Page priority will be calculated by:<br/> ( [page priority] – [priority modifier] ) * ( 1/[page depth] * [page multiplier] )</p>   | 1        |
| Page priority depth multiplier | Page depth multiplier, see formula in page priority   | 1        |
| Page priority depth modifier   | Page depth modifier, see formula in page priority   | 1        |

## Backend Modules

## SEO Page Module (Website → SEO)

The SEO page module provides an overview for all seo relevant informations (including possibility to edit this informations on click).

| Module                      | Description:  |
|-----------------------------|---|
| Metatags                    | Overview for all relevant metatags  |
| Geo position                | Overview for geo positioning  |
| SearchEngines               | Overview for all relevant search engine settings including sitemap stuff  |
| URL Handling                | Overview for all relevant url handling stuff including RealURL support and possibility to simulate the url.   |
| Pagetitle                   | Overview for all relevant pagetitle informations and possibility to simulate the pagetitle.   |
| Pagetitle simulator (Slow!) | <p>Simulates the pagetitle generation for the current selected tree.</p> <p>The generation time depends of the number of TypoScript-Setup Templates in the selected tree. Don't use this features if you have more than ~5 templates.</p> |

## SEO Control Center (SEO → Control Center)

The SEO control center lists all your root-pages in your TYPO3 installation. For each root page you can control specific sitemap and robots.txt settings.

Path: / Webseite [1]

### Edit SEO Settings for Root "1" on page "Webseite"

Sitemap

Robots.txt

**Sitemap active**  
☒

Page indexer  
☒

TypoLink indexer  
☒

**Enable language-domain support (lock output to current language)**  
☒

**Sitemap.xml entry page limit (keep empty to use default of 1000)**

**Priority (if page have no priority) (default:1)**

**Priority depth multiplier (default:1)**

**Priority depth modificador (default:1)**

SEO Settings for Root [1]

## SEO Sitemap (SEO → Sitemap)

The SEO sitemap module provides access to the indexed sitemap list.

Sitemap list for "Webseite" (UID:1)

Search  PID  Language  -- All -- Depth  -- All --

| <input type="checkbox"/> | PID | URL  | Depth | Language |
|--------------------------|-----|--|-------|----------|
| <input type="checkbox"/> | 31  | news/detail.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 10  | content-elements/frames-and-spacing.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 11  | content-elements/menusitemap.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 14  | content-elements/search.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 16  | content-elements/forms.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 18  | content-elements/tables.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 19  | content-elements/bullet.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2000/january/01/article/news-2000.html                                      | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2005/january/01/article/news-2005.html                                      | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2007/july/27/article/news-2007.html   | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/header-der-news-copy-1-1.html                       | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/nunc-at-ultricies-lorem.html                        | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/01/article/lorem-ipsum-dolor-sit-amet-consectetur-adipiscing-e | 3     | Deutsch  |
| <input type="checkbox"/> | 31  | news/detail/date/2011/january/31/article/header-der-news-copy-1.html                         | 3     | Deutsch  |
| <input type="checkbox"/> | 3   | nc/contact.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 6   | about-us.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 13  | login.html   | 2     | Deutsch  |
| <input type="checkbox"/> | 34  | archiv.html  | 2     | Deutsch  |
| <input type="checkbox"/> | 14  | content-elements/segment.html  | 3     | Deutsch  |
| <input type="checkbox"/> | 22  | alias.html   | 2     | Deutsch  |

Page 1 of 1 | Show rows 1 - 28 of 28 | Delete

# Advanced manipulations (stdWrap support)

If you want to modify some things you can use stdWraps

## Metatags

| TypoScript Node                             | Description:                        | Type    |
|---|-------------------------------------|---------|
| plugin.tq_seo.metaTags.stdWrap.title        | Manipulation for title              | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.description  | Manipulation for description        | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.keywords     | Manipulation for keywords           | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.copyright    | Manipulation for copyright          | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.language     | Manipulation for language           | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.email        | Manipulation for email              | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.author       | Manipulation for author             | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.publisher    | Manipulation for publisher          | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.distribution | Manipulation for distribution       | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.rating       | Manipulation for rating             | stdWrap |
| plugin.tq_seo.metaTags.stdWrap.lastUpdate   | Manipulation for last update (date) | stdWrap |

## Pagetitle

| TypoScript Node                           | Description:   | Type    |
|---|--|---------|
| plugin.tq_seo.pageTitle.stdWrap.before    | Manipulation of the raw page title (before TQ-Seo processing)      | stdWrap |
| plugin.tq_seo.pageTitle.stdWrap.after     | Manipulation of the processed page title (after TQ-Seo processing) | stdWrap |
| plugin.tq_seo.pageTitle.stdWrap.sitetitle | Manipulation of the sitetitle (from the TS-Setup-Template)         | stdWrap |

# Google Analytics / Piwik customizations

## Customization codes (fast/simple)

You can add additional javascript code to the default Google Analytics and/or Piwik integration.

| TypoScript Node  | Description:                            | Type                               |
|--|---|------------------------------------|
| plugin.tq_seo.services.googleAnalytics.customizationCode | Customization Code for Google Analytics | TS-Content Object (TEXT, COA, ...) |
| plugin.tq_seo.services.piwik.customizationCode           | Customization Code for Piwik            | TS-Content Object (TEXT, COA, ...) |

Example for Google Analytics in TypoScript-Setup:

```
plugin.tq_seo.services.googleAnalytics.customizationCode = COA
plugin.tq_seo.services.googleAnalytics.customizationCode {
    10 = TEXT
    10.value (
        gaq.push(['_setClientInfo', false]);
        gaq.push(['_setAllowHash', false]);
        gaq.push(['_setDetectFlash', false]);
        gaq.push(['_setDetectTitle', false]);
    )
}
```

## Template customization (advanced)

The Google Analytics and Piwik integration is done by using a FLUIDTEMPLATE object in TypoScript. If you don't like the integration and want to modify the integration feel free to use your own templates and pass your own variables to FLUIDTEMPLATE.

| TypoScript Node                                 | Description:  | Type |
|---|---|------|
| plugin.tq_seo.services.googleAnalytics.template | Template rendering object for Google Analytics (contains a FLUIDTEMPLATE) | COA  |
| plugin.tq_seo.services.piwik.template           | Template rendering object for Piwik (contains a FLUIDTEMPLATE)            | COA  |

It's quite easy, for more information read:

- <http://forge.typo3.org/projects/typo3v4-mvc/wiki/FLUIDTEMPLATE%20Content%20Object>
- <http://typo3.org/development/articles/the-fluidtemplate-cobject/>

Example for your own Google Analytics Template:

```
## Google Analytics template
plugin.tq_seo.services.googleAnalytics.template.10.file = fileadmin/templates/service-ga.html

## if you need some variables you also can set these:
plugin.tq_seo.services.googleAnalytics.template.10.variables {
    myOwnStuff = TEXT
    myOwnStuff.value = foobar
}
```

# Scheduler tasks

| Task                       | Description:   | Frequency       |
|----------------------------|--|-----------------|
| TQ SEO Cleanup             | This task cleans up old database entries in the tx_tqseo_sitemap table.  | One run per day |
| TQ SEO sitemap.txt builder | <p>This task builds a real sitemap.txt file in the upload directory.</p> <p>Directory: uploads/tx_tqseo/sitemap_txt/<br/> Sitemap: sitemap-r{ROOTPID}.txt.gz</p> <p>If language domain support is active:<br/> Sitemap: sitemap-r{ROOTPID}-l{LANG}.txt.gz</p> <p>{ROOTPID} is the Page-UID from the root pages in your TYPO3 installations.<br/> {LANG} is the language id (only active if language domains are active).</p> <p>Hint: These files are already gzipped.</p>   | One run per day |
| TQ SEO sitemap.xml builder | <p>This task builds a real sitemap.xml files in the upload directory.</p> <p>Directory: uploads/tx_tqseo/sitemap_xml/<br/> Sitemap-Index: index-r{ROOTPID}.xml.gz<br/> Sitemap-Page: sitemap-r{ROOTPID}-p{PAGE}.xml.gz</p> <p>If language domain support is active:<br/> Sitemap-Index: index-r{ROOTPID}-l{LANG}.xml.gz<br/> Sitemap-Page: sitemap-r{ROOTPID}-l{LANG}-p{PAGE}.xml.gz</p> <p>{ROOTPID} is the Page-UID from the root pages in your TYPO3 installations.<br/> {PAGE} is the current page of the sitemap.<br/> {LANG} is the language id (only active if language domains are active).</p> <p>The index will refer to all page sitemaps so you only have to reference to the sitemap index.</p> <p>Hint: These files are already gzipped.</p> | One run per day |

# FAQ

## General

**Problem:** Is this extension mutli-language and/or multi-tree ready?

**Solution:** Check it out, there should be no problems at all with multi-language multi-tree TYPO3-installations.

**Problem:** In my TYPO3 the feature XYZ of this extension doesn't work. What's wrong?

**Solution:** The tq\_seo-Extension was carefully written. We're at TEQneers what to deliver correct pages and extensions will the power of the TYPO3 caching system (and those extensions are the fastest). For some features (eg. sitemap, canonical-tag) we have to trust in the caching-system – it's the only way to make sure that we don't deliver wrong informations to our search engines. If our extension doesn't work correct in your TYPO3 installation maybe there is something wrong – maybe the configuration, your setupTS or one of your extension.

## Indexed Sitemap

**Problem:** The sitemap is empty.

**Solution:** Check if you created the "tx\_tqseo\_sitemap\_pages" database-table! We're using InnoDB as MySQL-Engine so you have to make sure that you have InnoDB-Support in your Hosting-Account (if not you should switch your hoster, InnoDB is a Standard-Feature in MySQL). As with 2.0.1 there is an error-message if the table doesn't exist.

**Problem:** My sitemap is still empty, but the database is ok.

**Solution:** Maybe you disabled the whole TYPO3 cache (config.no\_cache=1 or something else)? Enable the cache – this will also speed up your TYPO3 installation.

**Problem:** The generated pages from my extension are not included in the sitemap!

**Solution:** You have to make sure that all generated pages are cacheable. The extension has to pass a valid cHash-token!

**Problem:** There is only one site in my XML-Sitemap, what's wrong? In the sitemap-database are thousands of pages.

**Solution:** That's correct. TQ\_Seo always uses "Sitemap Groups" (as defined in <http://www.sitemaps.org/protocol.php#index>), each group can contain about 50.000 pages/urls so if we have more than 50.000 urls we have to use sitemap groups. Visit the url defined in the LOC-tag and you will see that the sub-sitemap will contain all your stored URLs.

**Problem:** The generated pages from my extension still are not included in the sitemap!

**Solution:** You've enabled RealURL? Please check the RealURL configuration if you have specified values that are not passed with your url. All variables that are not passed with the url will result in a NO-CACHE.

**Problem:** The sitemap is still not working! No page is indexed and the table tx\_tqseo\_sitemap\_pages is empty!

**Solution:** Double check your installation and disable all third-party extensions, make sure that no extension disables the TYPO3-cache! RealUrl (if properly configured) and TemplaVoila are working wonderfull with TQ Seo Sitemap but some old

extensions might break the TYPO3 caching system and you will not notice it. Our sitemap indexer relies on the indexing system to make sure that only valid urls are stored and delivered to the search engines like google.

**Problem:** I want to limit each sitemap to it's domain (eg. example.com for english pages, example.de for german pages). Is this possible?

**Solution:** Yes, just enable the "Enable language-domain support" in seo control center in your website/rootpage settings. (replaces the old extension configuration `sitemap_ObeySysLanguage` and `TypoScript` constants setting).

**Problem:** My `tt_news` entries are not indexed, what's wrong?

**Solution:** You're using `realurl`? Then check your `realurl_conf.php`. Errors (or misconfiguration) in the `realurl`-configuration will produce uncacheable sites (and you will not notice it). The most common issue is the configuration of the parameter `"tx_ttnews[swords]"` in the `postVarSets`-area. Remove it, you don't need it.

## Others

**Problem:** I want to customize my google Analytics and/or piwik integration.

**Solution:** You can modify the code of the google analytics and piwik integration with `typoscript`. Feel free to use `plugin.tq_seo.services.googleAnalytics.customizationCode` (STDWRAP) or `plugin.tq_seo.services.piwik.customizationCode` (STDWRAP). Also you can modify the `FLUIDTEMPLATE` and assign custom variables.



# RealURL configuration

If you want to activate "real" sitemap.xml feature (eg. <http://example.com/sitemap.xml>), configure realurl like this:

```
<?php
$TYPO3_CONF_VARS['EXTCONF']['realurl']['_DEFAULT'] = array(

    'init' => array(
        // ...
    ),

    'preVars' => array(
        // ...
    ),

    'fixedPostVars' => array(
        // ...
    ),

    'postVarSets' => array(
        '_DEFAULT' => array(

            // TT-NEWS (example configuration)
            'date' => array(
                array(
                    'GETvar' => 'tx_ttnews[year]' ,
                ),
                array(
                    'GETvar' => 'tx_ttnews[month]' ,
                    'valueMap' => array(
                        'january' => '01',
                        'february' => '02',
                        'march' => '03',
                        'april' => '04',
                        'may' => '05',
                        'june' => '06',
                        'july' => '07',
                        'august' => '08',
                        'september' => '09',
                        'october' => '10',
                        'november' => '11',
                        'december' => '12',
                    ),
                ),
                array(
                    'GETvar' => 'tx_ttnews[day]',
                ),
            ),

            // news pagebrowser
            'browse' => array(
                array(
                    'GETvar' => 'tx_ttnews[pointer]',
                ),
            ),

            // news categories
            'news-category' => array (
                array(
                    'GETvar' => 'tx_ttnews[cat]',
                    'lookUpTable' => array(
                        'table' => 'tt_news_cat',
                        'id_field' => 'uid',
                        'alias_field' => 'title',
                        'addWhereClause' => ' AND NOT deleted',
                        'useUniqueCache' => 1,
                        'useUniqueCache_conf' => array(
                            'strtolower' => 1,
                            'spaceCharacter' => '-',
                        ),
                    ),
                ),
            ),

            // news articles
            'article' => array(
                array(
                    'GETvar' => 'tx_ttnews[tt_news]',
                    'lookUpTable' => array(
                        'table' => 'tt_news',
                        'id_field' => 'uid',
                        'alias_field' => 'title',
                        'addWhereClause' => ' AND NOT deleted',
                        'useUniqueCache' => 1,
```

```

        'useUniqueCache_conf' => array(
            'strtolower' => 1,
            'spaceCharacter' => '-',
        ),
    ),
),
// ... other extensions ...
),
),
'fileName' => array(
    'defaultToHTMLsuffixOnPrev' => 1,
    'index' => array(
        // ...

        'sitemap.xml' => array(
            'keyValues' => array(
                'type' => 841132,
            ),
        ),

        'sitemap.txt' => array(
            'keyValues' => array(
                'type' => 841131,
            ),
        ),

        'robots.txt' => array(
            'keyValues' => array(
                'type' => 841133,
            ),
        ),

        '_DEFAULT' => array(
            'keyValues' => array(
                'type' => 0,
            )
        ),
    ),
),
),
'pagePath' => array(
    'type' => 'user',
    'userFunc' => 'EXT:realurl/class.tx_realurl_advanced.php:&tx_realurl_advanced->main',
    'spaceCharacter' => '-',
    'segTitleFieldList' => 'tx_realurl_pathsegment,alias,nav_title,title',
    'languageGetVar' => 'L',
    'expireDays' => 30,
    'rootpage_id' => 1,
),
);
?>

```

## Hooks

All hooks are defined in `docs/examples/hooks.php` (available with short description).

## Beta-Features

- TypoLink Sitemap parser

## Suggested Extensions

- sourceopt: HTML sourcecode optimization
- realurl/cooluri: Link SEO optimization

## Known problems

- Don't use another SEO-extension like metatags
- Sourceopt might break sitemap-txt output, xml is still fine (Sourceopt 0.5.17 fixes this, please update)

## To-Do list

- RealURL autoconfiguration
- SEO page module with language support

## Found a bug? Problems?

The bugtracker can be found on TYPO3-forge:

[http://forge.typo3.org/projects/extension-tq\\_seo](http://forge.typo3.org/projects/extension-tq_seo)

.. or contact us at [blaschke@teqneers.de](mailto:blaschke@teqneers.de) or [info@teqneers.de](mailto:info@teqneers.de).



# ChangeLog

## Version 5.0

- Added possibility to manipulate/overwrite "sitetitle" (from TS-Setup-Template)
- Implemented seo page-module
- Added support for Google+ Direct Connect
- Improved ui (backend modules)
- Fixed several bugs

## Version 4.0

- Google Analytics and Piwik uses now asynchronous implementation
- Some settings (eg. language-lock for sitemap) are moved to SEO → "Contol Center"
- Implemented sitemap and control center as backend module
- Implemented robots.txt-support