 TYP03



TYP03 v9 LTS – RELEASE PARTY

Hamburg

TYP03 Association

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 [@typo3](https://twitter.com/typo3)

Since the last LTS version 8.7.0...

... **266** different contributors ...

... made **3,279** Git commits ...

... in **545** days ...

... this means 6 commits / day ...

... **10,963** files were changed ...

... **498,682** lines of code were
added ...

... **360,888** lines of code were
removed ...

**... this means that there are now
137,794 more lines of code ...**

TYP03 V9 LTS – TODAY

**TYP03 v9 is faster, more user friendly,
more mobile friendly, more cloud
friendly, and more business friendly.**



**You're the one
that I want**

TYP03 v9 LTS is here

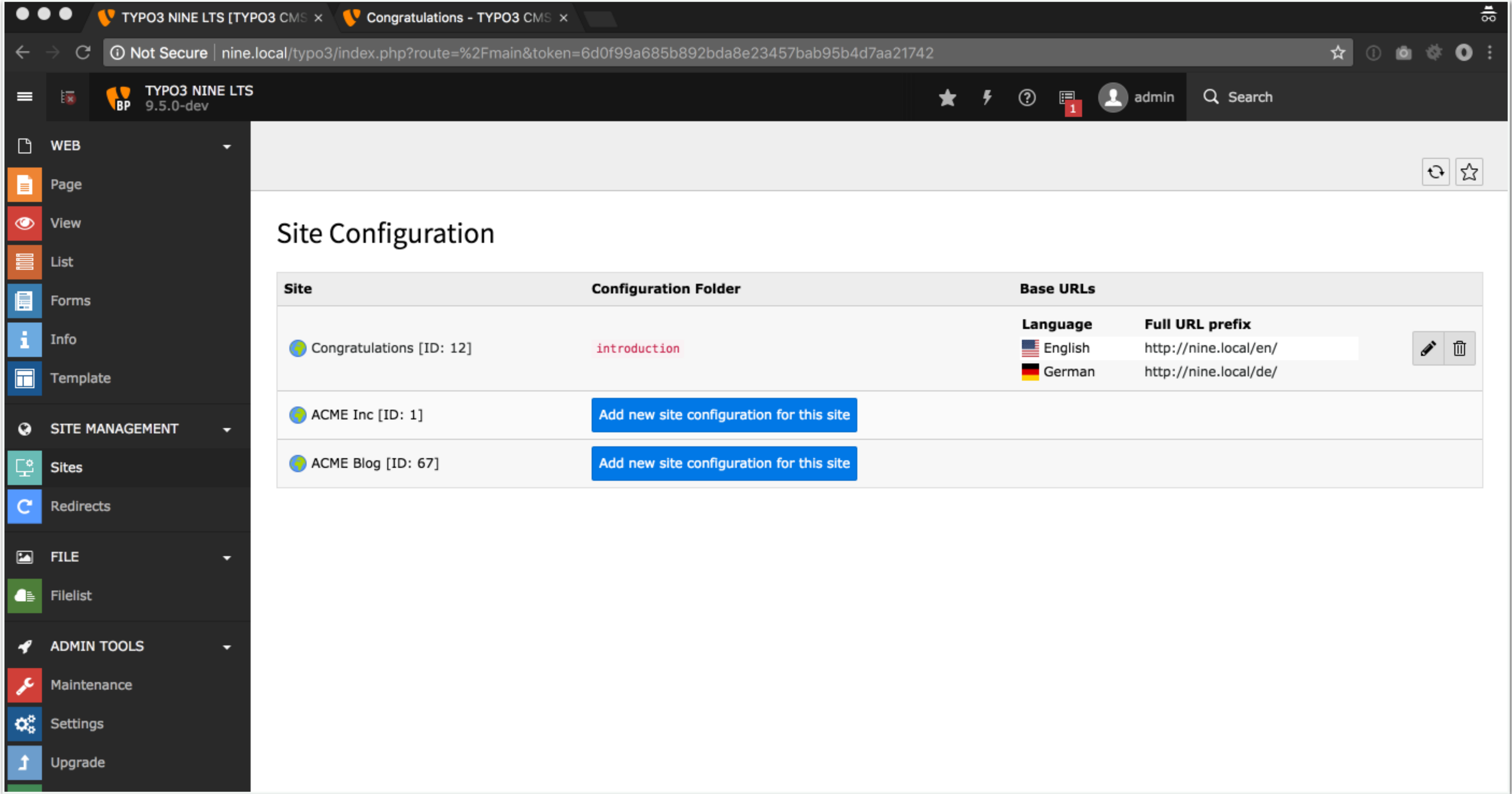


**So, here's what's new in
TYP03 v9 LTS!**

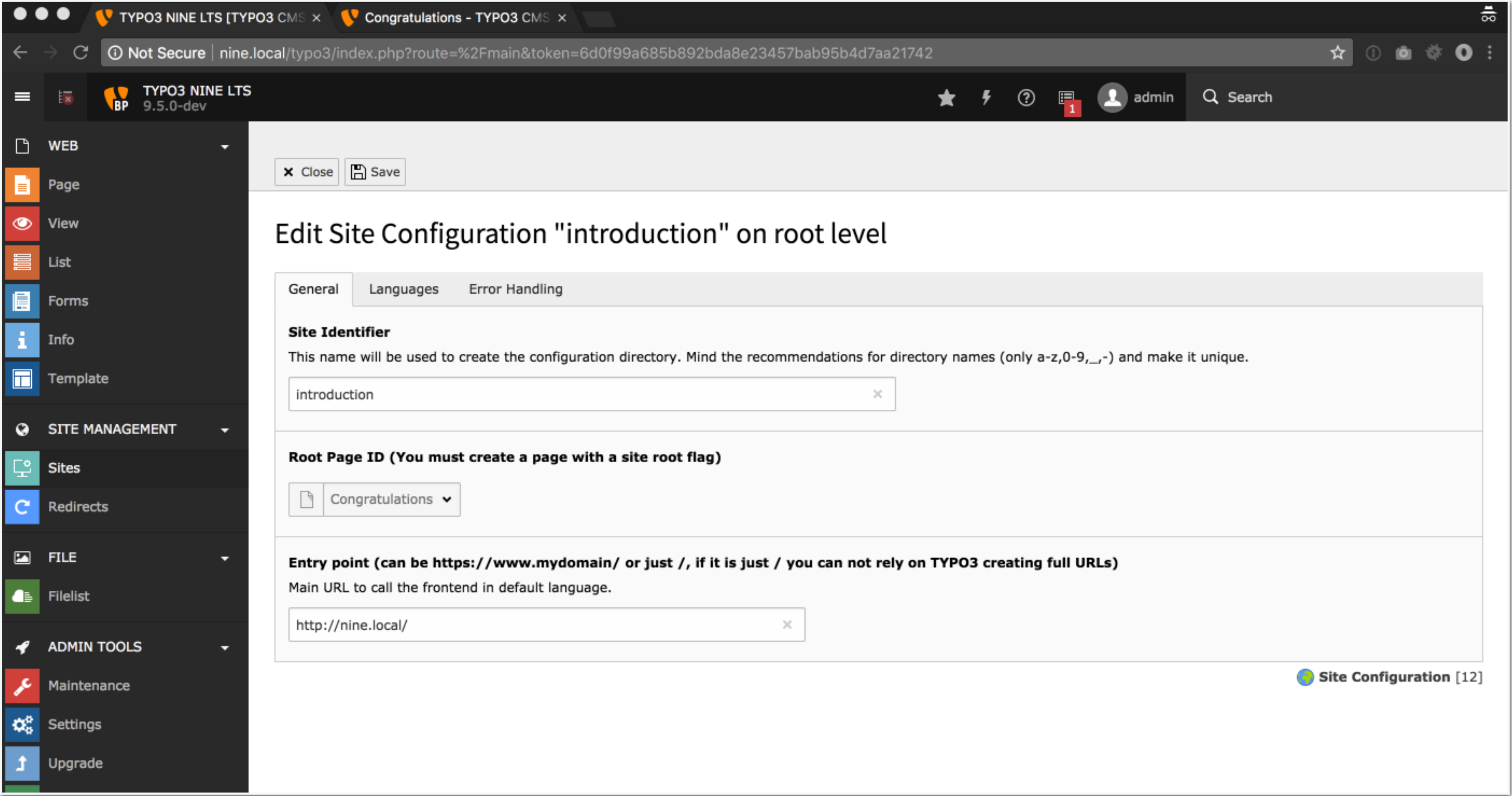
Site Management

One central place to manage your sites

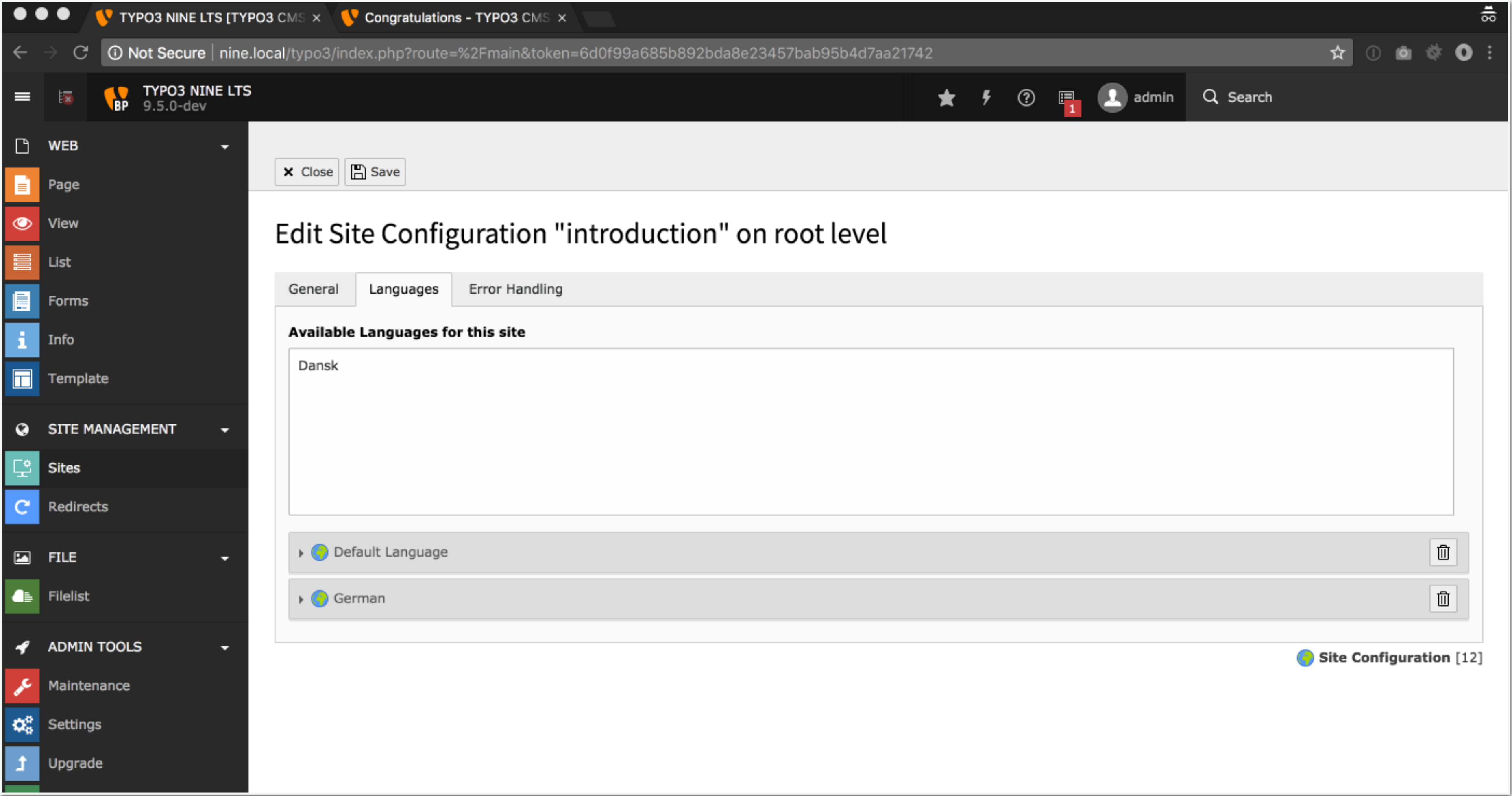
New backend module "Sites"



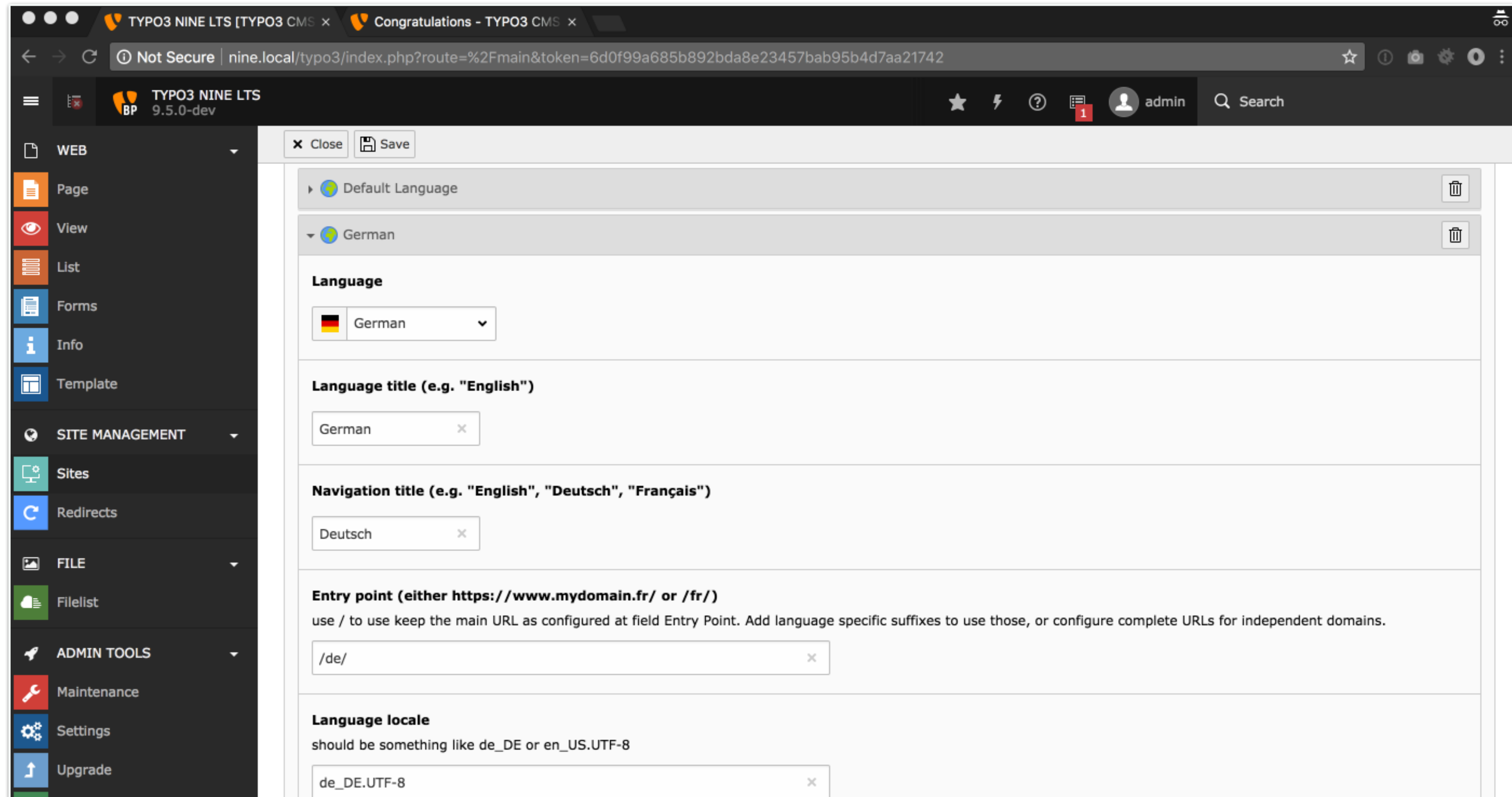
General settings



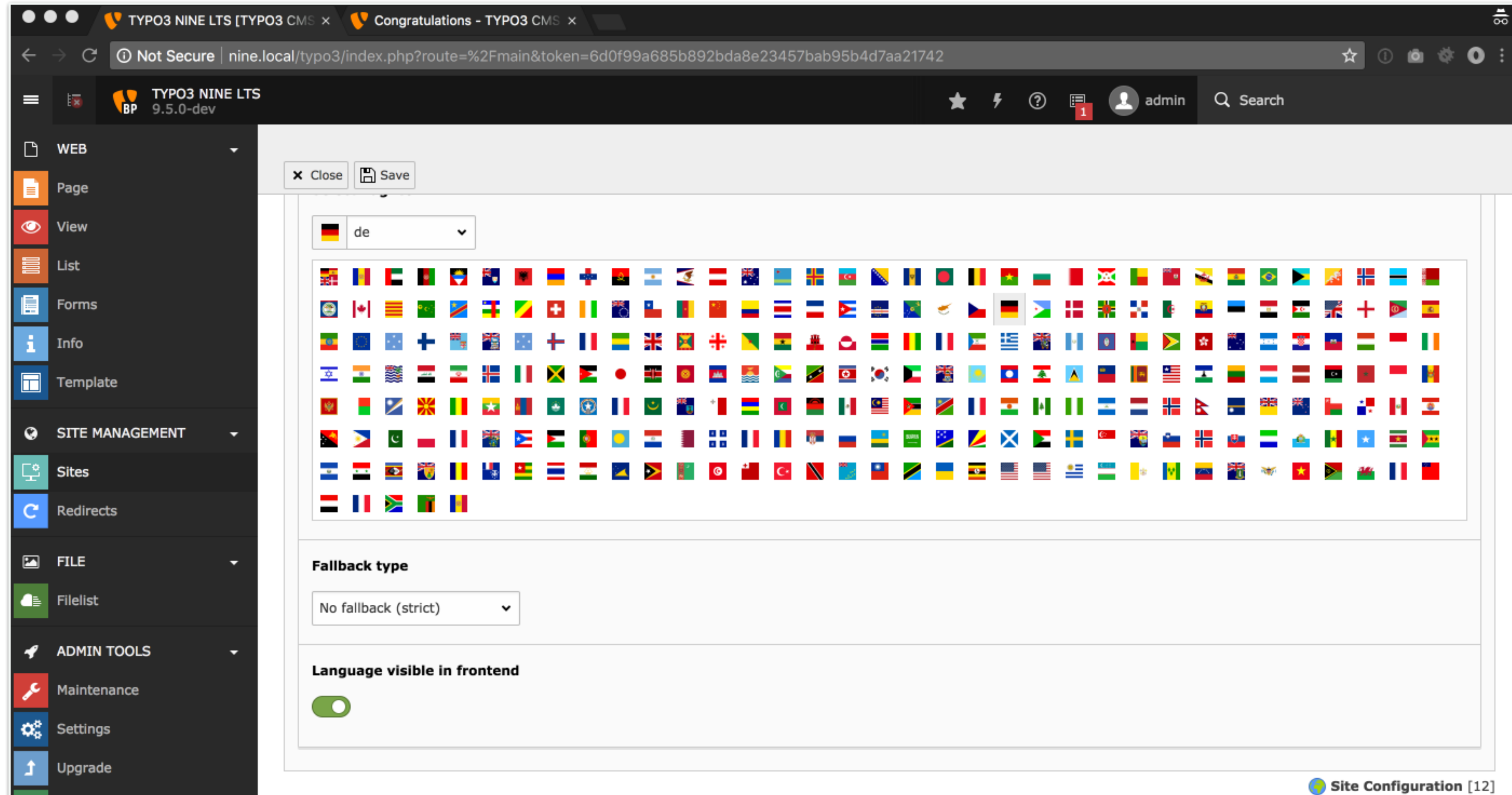
Language management



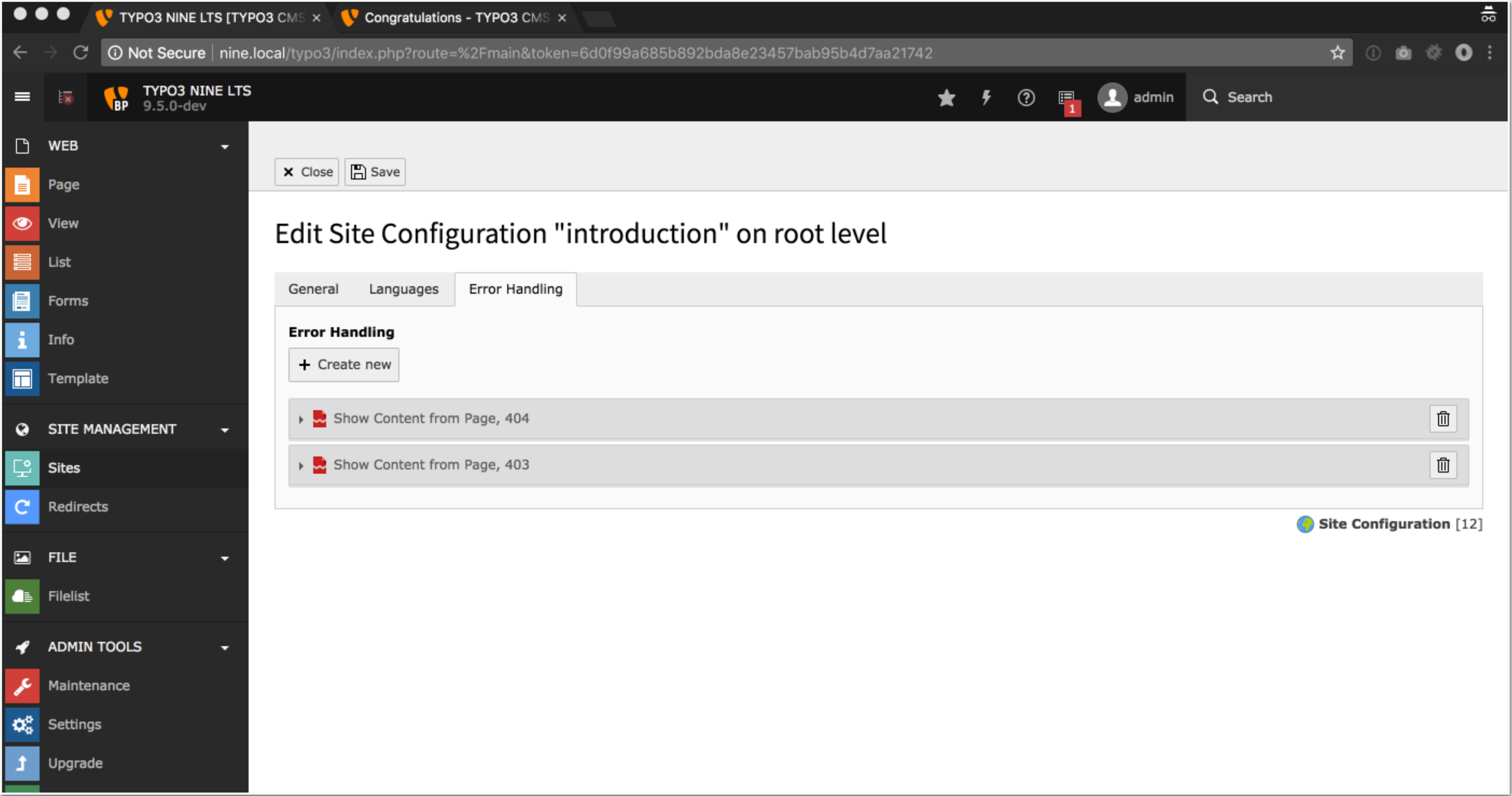
Individual language settings



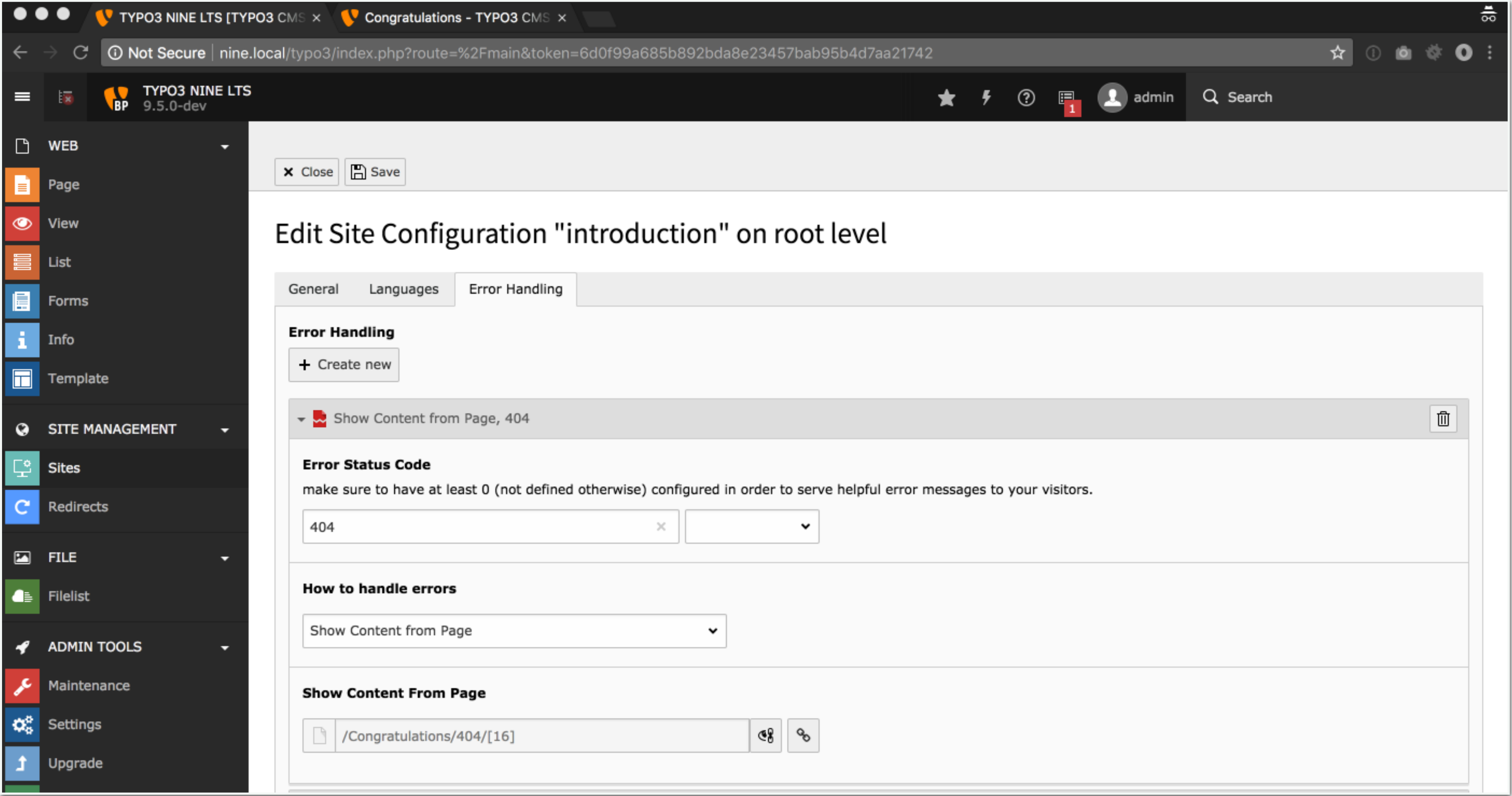
Language fallback chain



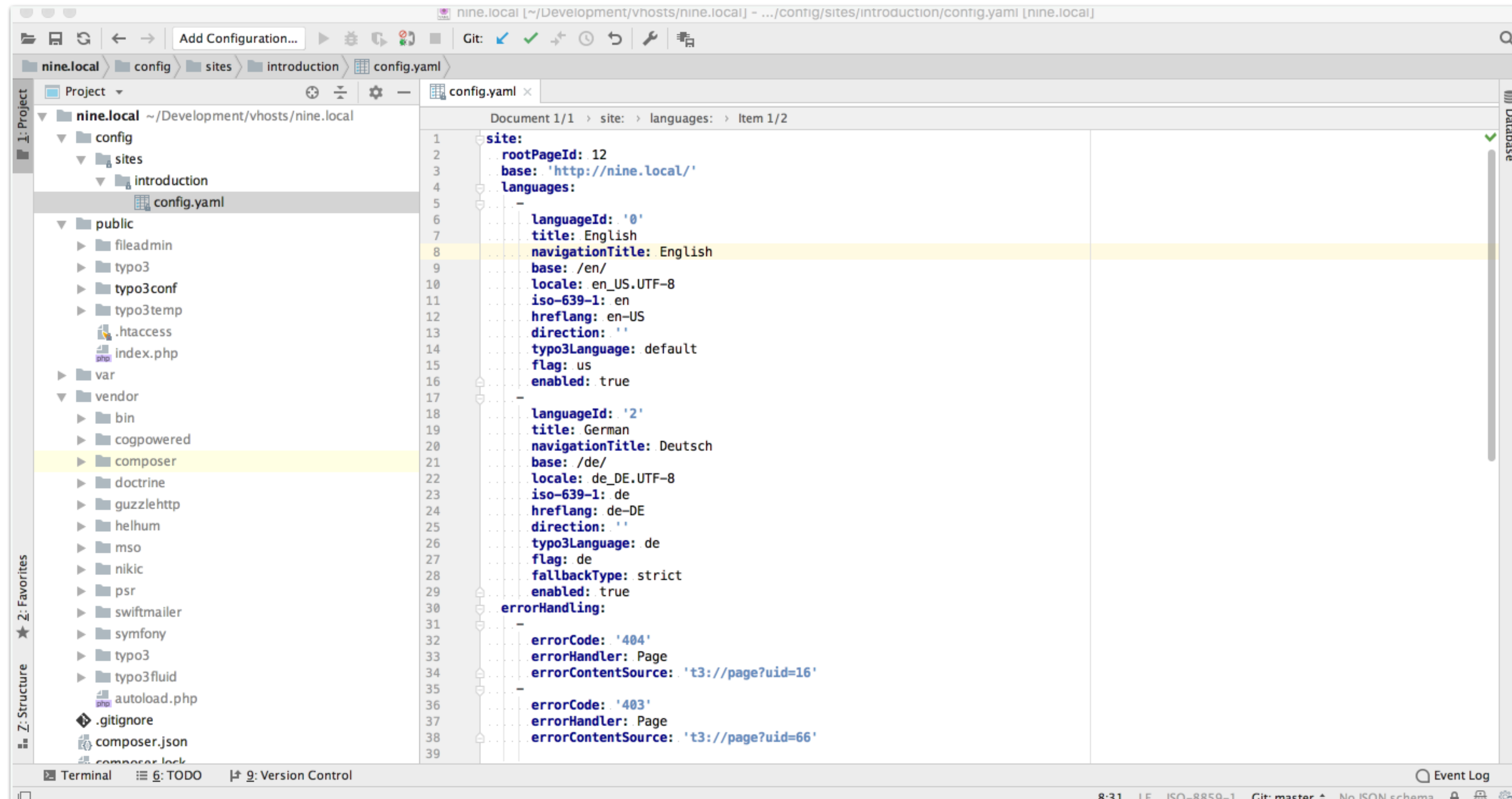
Error handling



Settings for error handling



Configuration as YAML file

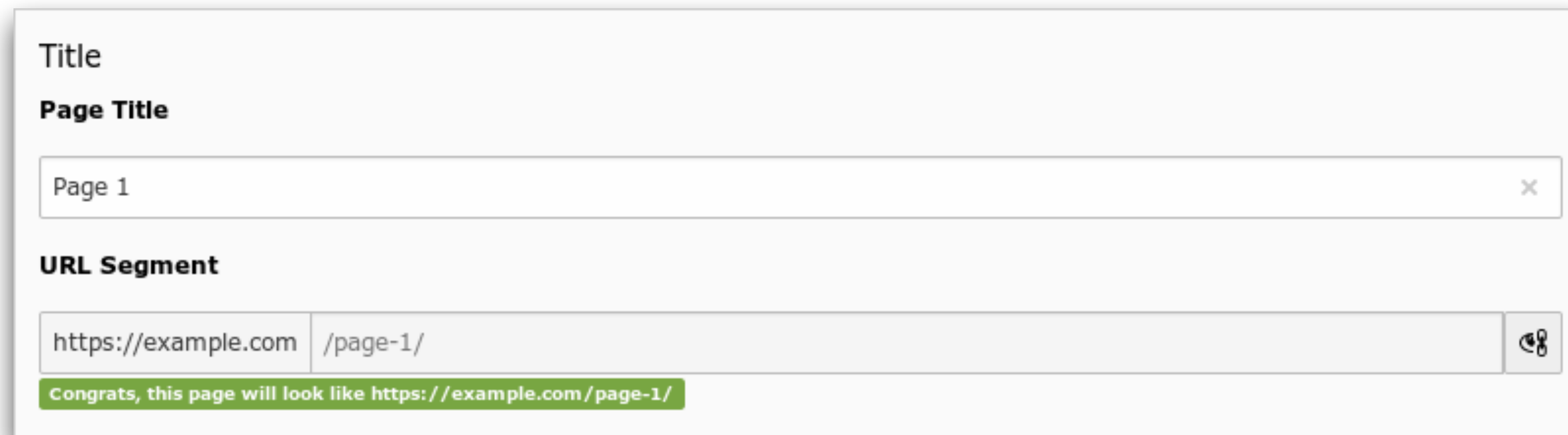


Page-based URL Handling

Speaking URLs "out of the box"

Page-based URL handling

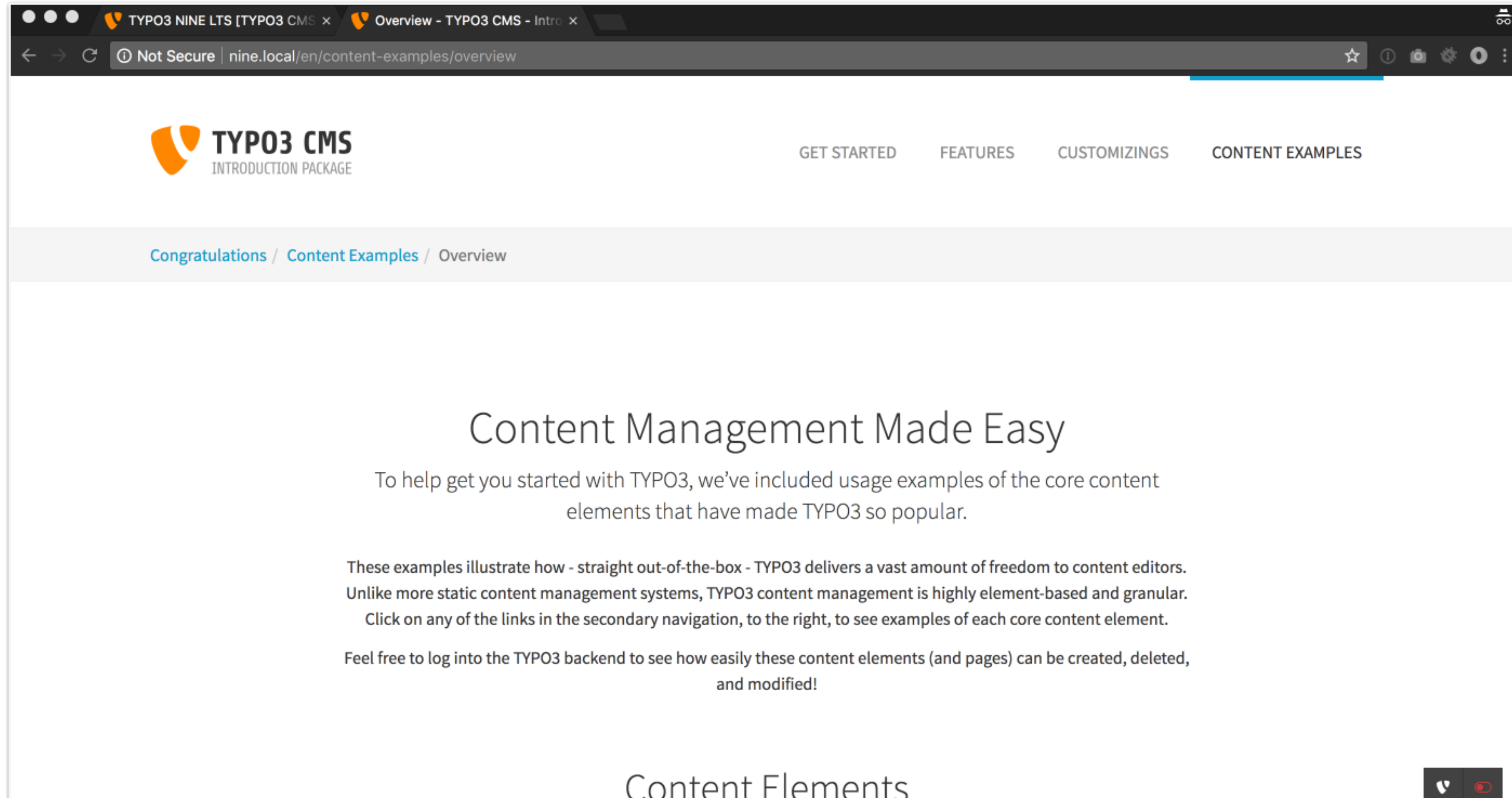
- New field "URL Segment" has been added to page properties
- All links generated in the backend and frontend use this field, if set
- Languages are taken into account automatically
- No need for third-party extensions to generate "speaking URLs"



The screenshot shows a configuration form for a page. It has three main sections: 'Title', 'Page Title', and 'URL Segment'. The 'Title' section is empty. The 'Page Title' section contains a text input field with the value 'Page 1' and a close button (X). The 'URL Segment' section contains a text input field with the value 'https://example.com /page-1/' and a copy icon. Below the input fields, there is a green notification bar that reads: 'Congrats, this page will look like https://example.com/page-1/'.

Title	
Page Title	
Page 1	
URL Segment	
https://example.com	/page-1/
Congrats, this page will look like https://example.com/page-1/	


URL in frontend



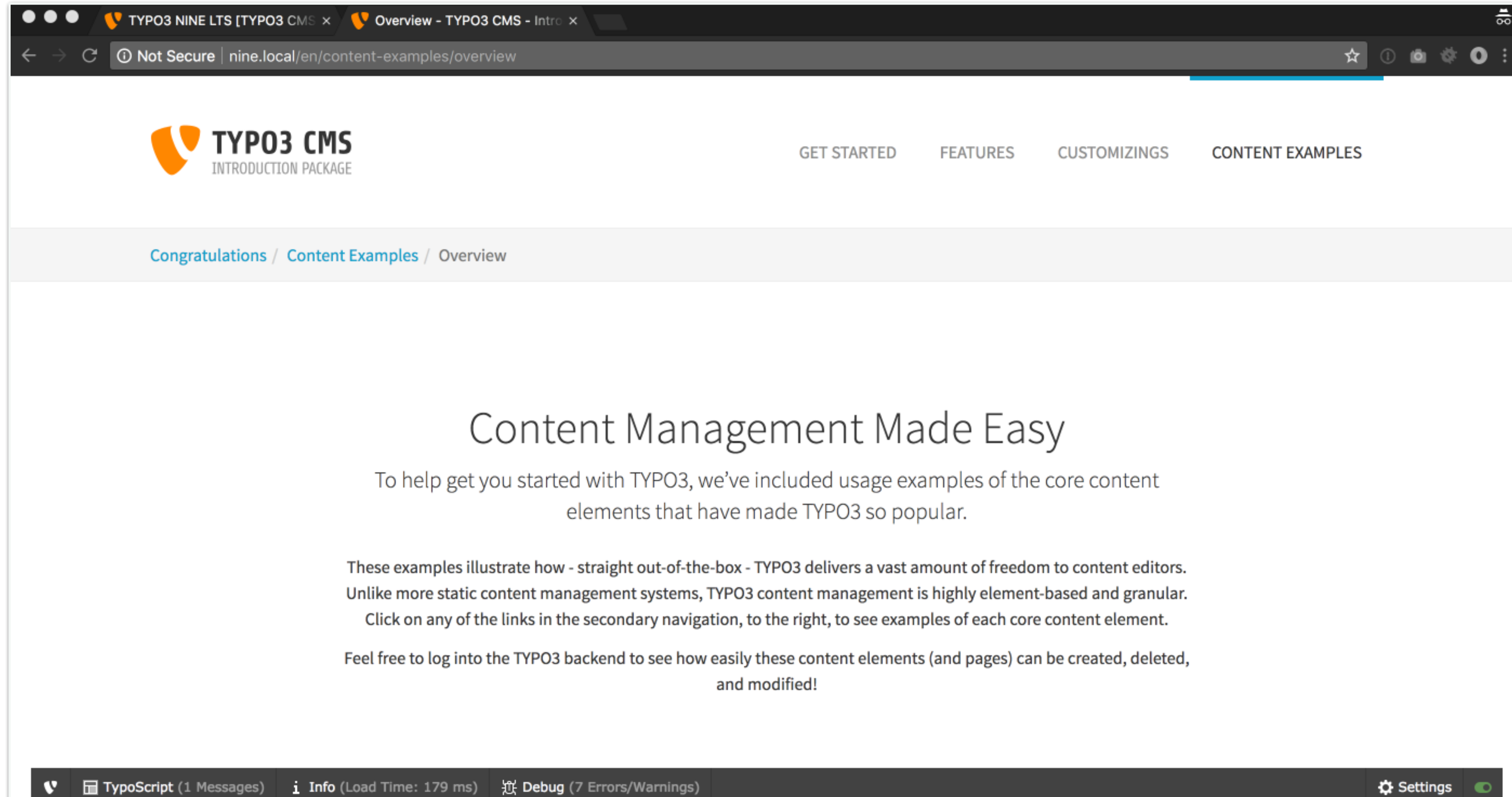
Admin Panel: New Architecture & Design

An insight into the internal processes of TYP03 at run-time

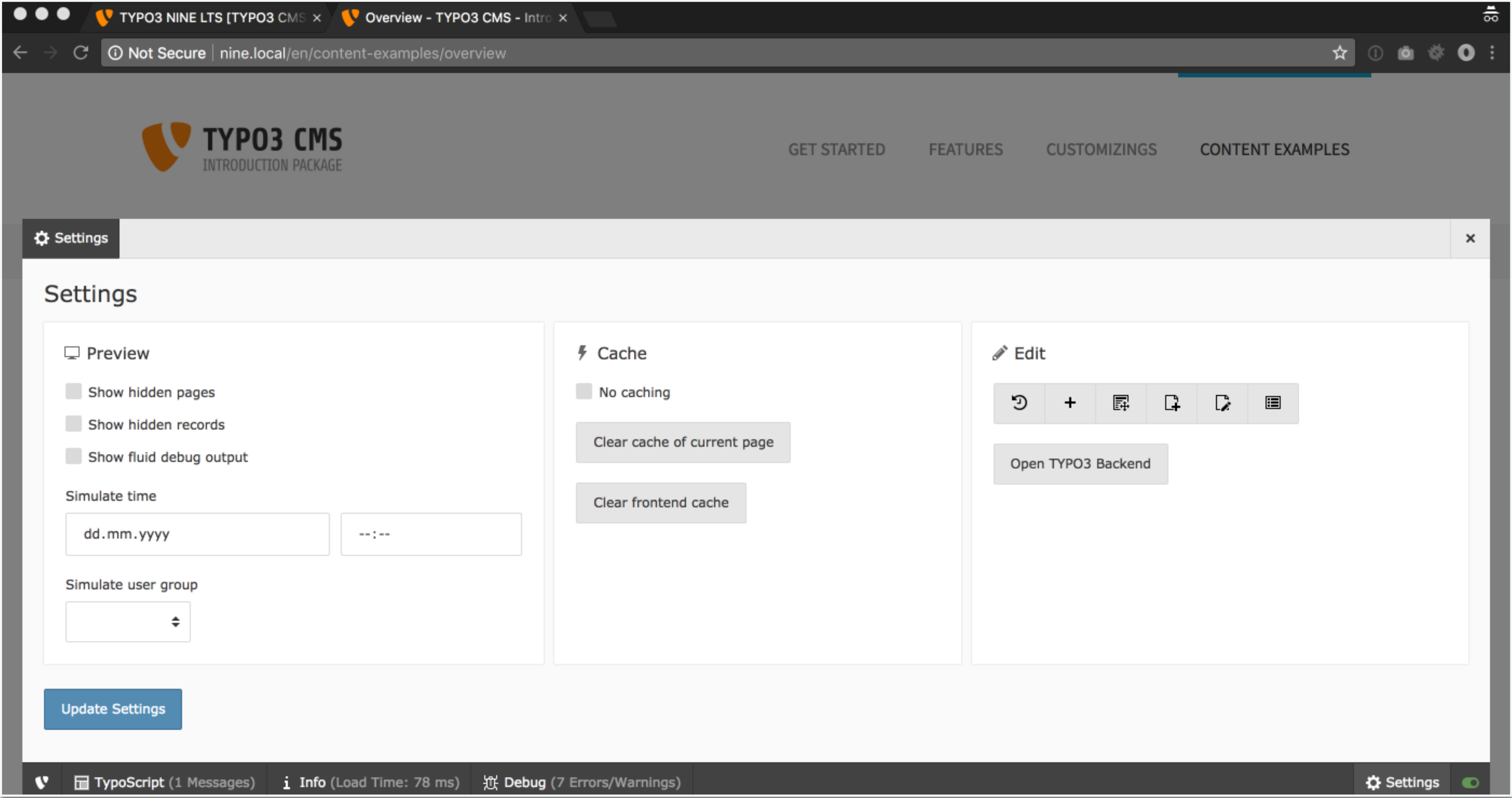
Admin Panel: New Architecture & Design

- A completely new Admin Panel
 - Structured & clear
 - No **unnecessary** URL parameters
 - Non-cached content items
 - SQL query number & runtime
 - Expandable by extensions
- 

Admin Panel now in footer area



Settings & context



Page information

TYPO3 CMS

INTRODUCTION PACKAGE

GET STARTED

FEATURES

CUSTOMIZINGS

CONTENT EXAMPLES

Info

General

PHP

REQUEST

General

Page

Frontend User Group

Cache

Key	Value
Page Uid	62
Page type	0

Key	Value
Frontenduser group combination	"0,-1"

Key	Value
Page_cached	"No"

TypoScript (1 Messages)

Info (Load Time: 78 ms)

Debug (7 Errors/Warnings)

Settings

PHP information

TYPO3 CMS

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Info

General

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REQUEST

PHP

General

Key	Value
PHP_VERSION	"7.2.6"
PHP_OS	"Darwin"
PHP_SAPI	"cgi-fcgi"
Peak Memory Usage	14962136

Constants

Key	Value
TYPO3_COMPOSER_MODE	"1"
TYPO3_version	"9.5.0-dev"

TypoScript (1 Messages)

Info (Load Time: 78 ms)

Debug (7 Errors/Warnings)

Settings

Logs & messages

TYPO3 CMS
INTRODUCTION PACKAGE

GET STARTEDFEATURESCUSTOMIZINGSCONTENT EXAMPLES

DebugLogQuery Information

Log Settings

☐ Group by Component

☐ Group by Level

Display only levels equal or higher to

WARNING

Update Settings

Log

Level	Component	Log Message
WARNING	TYPO3\CMS\Frontend\Configuration\TypoScript\ConditionMatching\ConditionMatcher	Expression could not be parsed, fallback kicks in. It looks like an old condition with only one equal sign.
WARNING	TYPO3\CMS\Frontend\Configuration\TypoScript\ConditionMatching\ConditionMatcher	Expression could not be parsed, fallback kicks in. It looks like an old condition

TypoScript (1 Messages)

Info (Load Time: 69 ms)

Debug (7 Errors/Warnings)


Settings

SQL query analysis

TYPO3 NINE LTS [TYPO3 CMS x]Overview - TYPO3 CMS - Intro x

Not Secure | nine.local/en/content-examples/overview


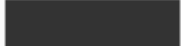










☆ ⓘ 📷 ⚙️ 🔍 ☰

 **TYPO3 CMS**
INTRODUCTION PACKAGE

GET STARTEDFEATURESCUSTOMIZINGSCONTENT EXAMPLES

DebugLogQuery Information⚙️✕

Query Information

SQL Query	Count	Total Time [ms]
 SELECT `content` FROM `cf_cache_pages` WHERE (`identifier` = :dcValue1) AND (`expires` >= :dcValue2)	2	 1.24
 SELECT * FROM `pages` WHERE (`uid` = 62) AND (((`pages`.`deleted` = 0) AND (`pages`.`t3ver_state` <= 0) AND (`pages`.`hidden` = 0) AND...	1	 0.89
 SELECT `uid`, `l10n_parent`, `pid`, `slug` FROM `pages` WHERE (`sys_language_uid` = :dcValue1) AND (`slug` IN (:dcValue2)) AND ((`pages`	1	 0.72
 SELECT `content` FROM `cf_cache_pagesection` WHERE (`identifier` = :dcValue1) AND (`expires` >= :dcValue2)	1	 0.54
 SELECT `content` FROM `cf_cache_rootline` WHERE (`identifier` = :dcValue1) AND (`expires` >= :dcValue2)	1	 0.48
 SELECT `uid`, `hidden`, `starttime`, `endtime` FROM `pages` WHERE (`uid` = :dcValue1) AND (`pid` >= :dcValue2) AND (`pages`.`deleted` = ...	1	 0.46

📄 TypeScript (1 Messages) ⓘ Info (Load Time: 69 ms) 🐛 Debug (7 Errors/Warnings)

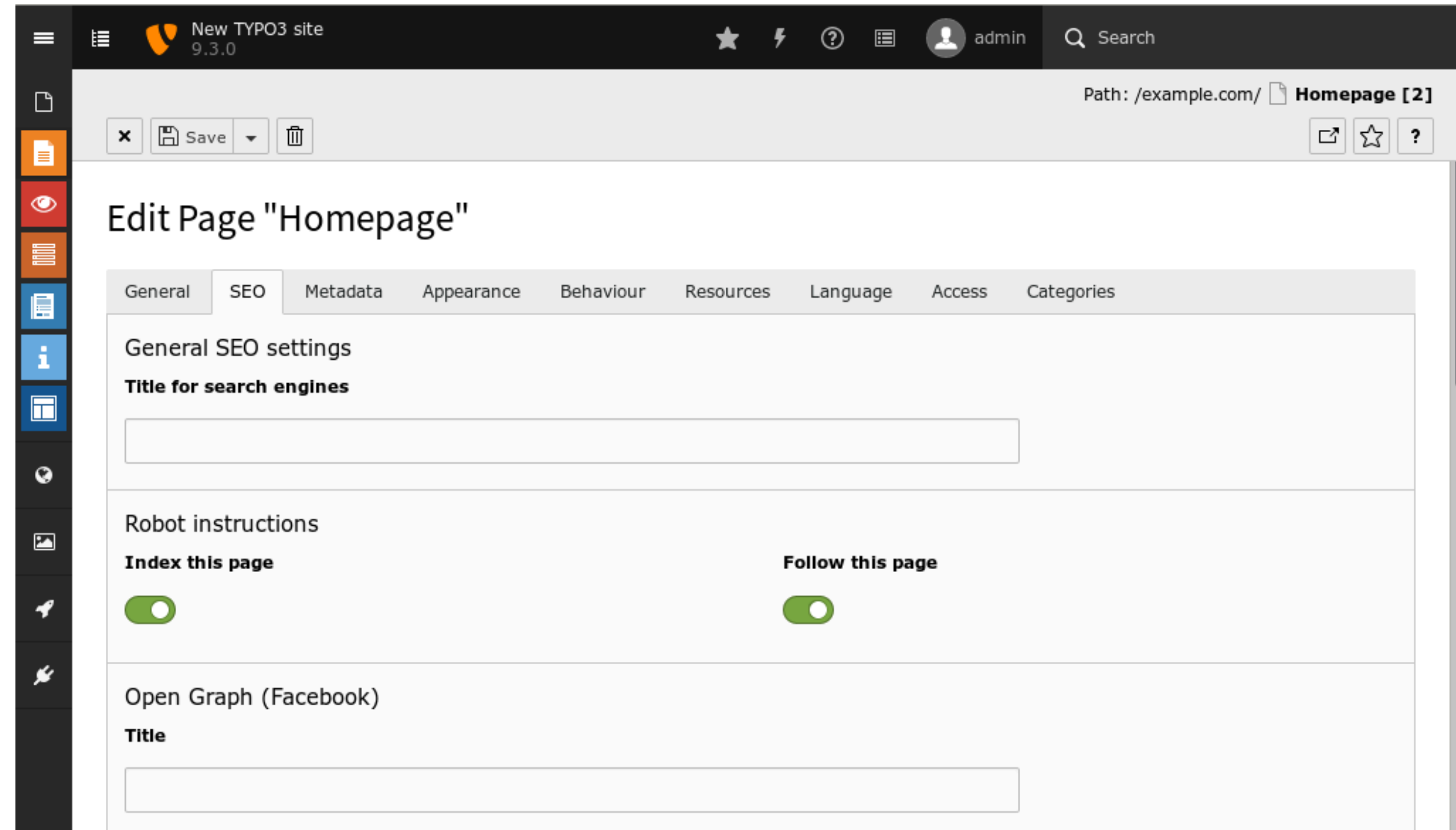
⚙️ Settings 🔴

Search Engine Optimization

Now we can "SEO" you

Search Engine Optimization

- Page properties feature a new "SEO" tab, which allows BE users to configure SEO-related information, Open Graph data and much more.



Search Engine Optimization

- New Page Title API allows integrators and developers to control exactly how the page title gets displayed
- TYPO3 can generate XML Sitemaps now, with the capability to render different sitemaps per site and language
- Canonical links to pages are automatically added to prevent ranking penalties due to duplicate content for example
- In multi-language TYPO3 sites, hreflang-tags are added automatically
- SEO-related meta tags set in the page properties are now rendered in the frontend by default

Search Engine Optimization: Meta Tag API

- New Meta Tag API has been introduced to manage and render meta tags in a simple and flexible way
- TYPO3 core features Open Graph
- Developers can register custom MetaTagManager in the MetaTagManagerRegistry
- Meta tags can be set by TypoScript and PHP
- Functions that are available include:
 - `$metaTagManager->addProperty()`
 - `$metaTagManager->removeProperty()`
 - `$metaTagManager->removeAllProperties()`

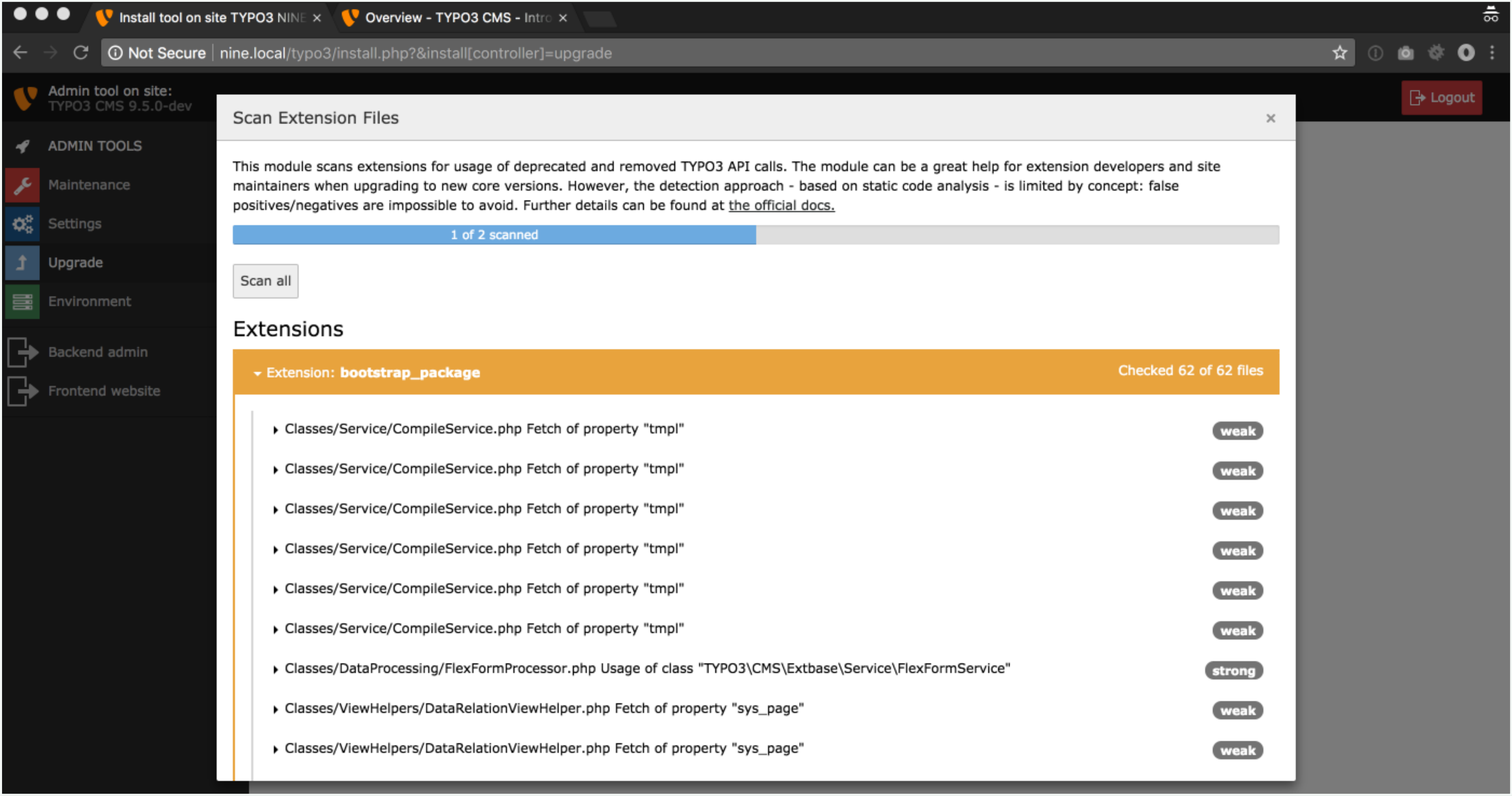
Scan Your Extensions

See at a glance which extensions need attention

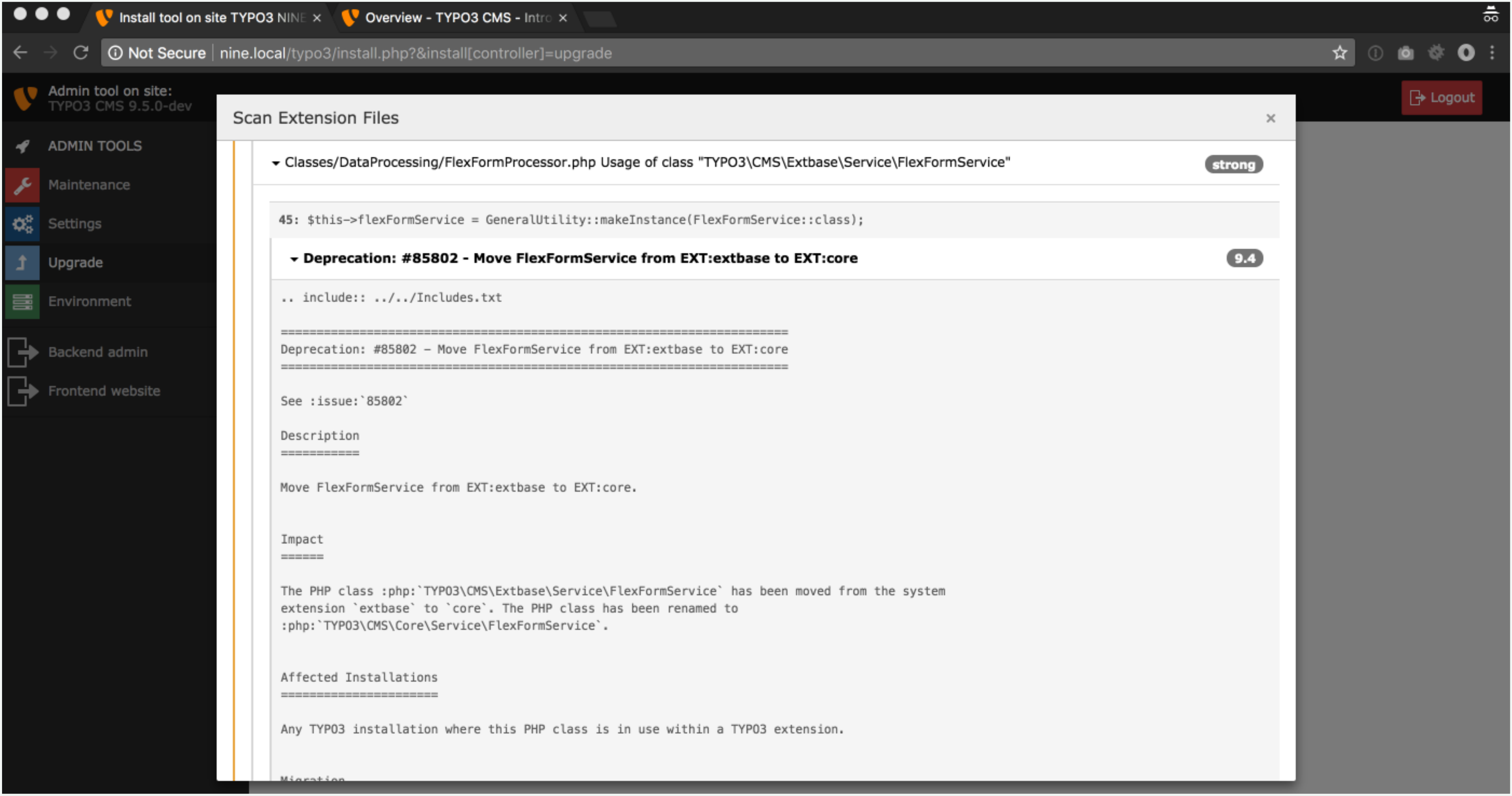
Scan Your Extensions

- Find **breaking** changes and **deprecations**
- Also **independent** of TYPO3 core
 - <https://github.com/Tuurlijk/typo3scan>
 - <https://github.com/ohader/scanner>
- **TYPO3 v7 & v8** configurations provided by TYPO3 GmbH

Scanner for a single extension



Technical details directly available




**Many more new (and exciting)
features**

but we can't show you all in detail today ;-)

Many more new (and exciting) features

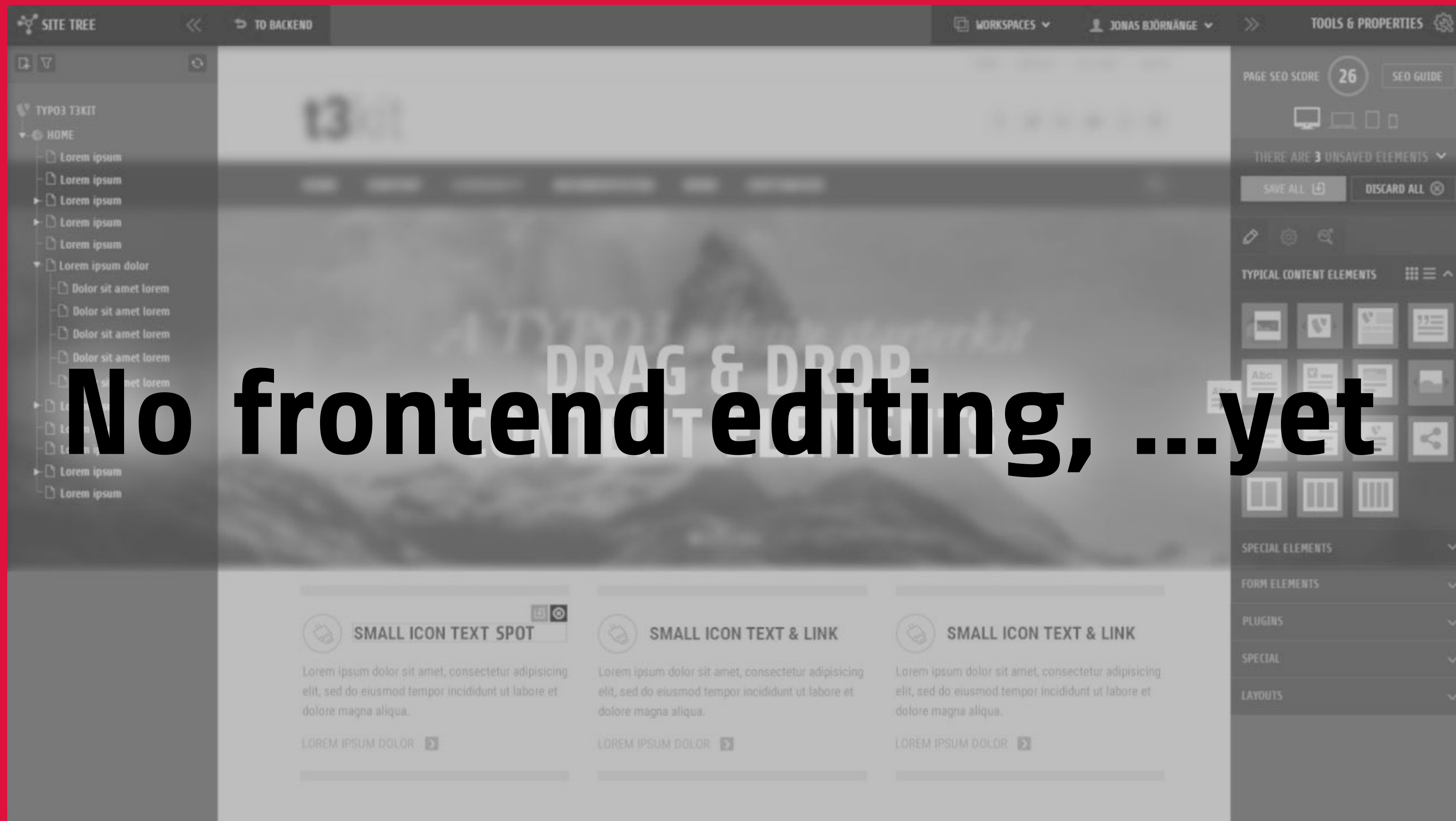
- **SEO & XML Sitemap** natively
- **Debug Mode** for forms
- **Symfony ExpressionLanguage**
 - Form framework **variants**
 - TYPOScript **conditions**
- **SVG Tree** (no more ExtJS)
- **System Maintainers**

Many more new (and exciting) features

- **Unsplitted** split buttons
 - Extendable Restriction Containers
 - **Mandatory** restrictions
 - Run TYPO3 on **sqlite**
 - MetaTag API
 - Validation messages in forms
 - Conditions for form fields
- 

Many more new (and exciting) features

- Generic **environment** class
- Feature toggles
- EXT:redirects
- Privacy & security features
- Support for **bcrypt** and **argon2i**
- And lots more ...
 - ... 187 new features
 - ... 1,382 bugfixes
 - ... 1,592 other improvements



Why **doesn't** the core team **just** fix
[enter your wish here] ?

**Wouldn't it be cool if TYP03 was
open source?**

Contribute and **meet** the **community**

<https://typo3.org/community/meet/>

Not enough **new** stuff?

Check out our "What's new" slides:

<https://typo3.org/help/documentation/whats-new/>

QUESTIONS?

Thank you!

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