

TYP03 9 / 10

University Days

Vienna 2019

Stefan Busemann

 @in2code_stefan

Georg Ringer & Studio Mitte

 @georg_ringer

Stefan Busemann

- Member of the Board TYPO3 Association
- Product Owner typo3.org
- Geschäftsführer in2code GmbH



in2code.
Wir leben TYPO3

***What have iPhone
and TYPO3 LTS in
common?***

- ***fixed innovation cycle***
- ***high expectations by its users***
- ***huge ecosystem around the product***

***So, whats the
problem?***

whats the problem?

iPhone is the clock generator

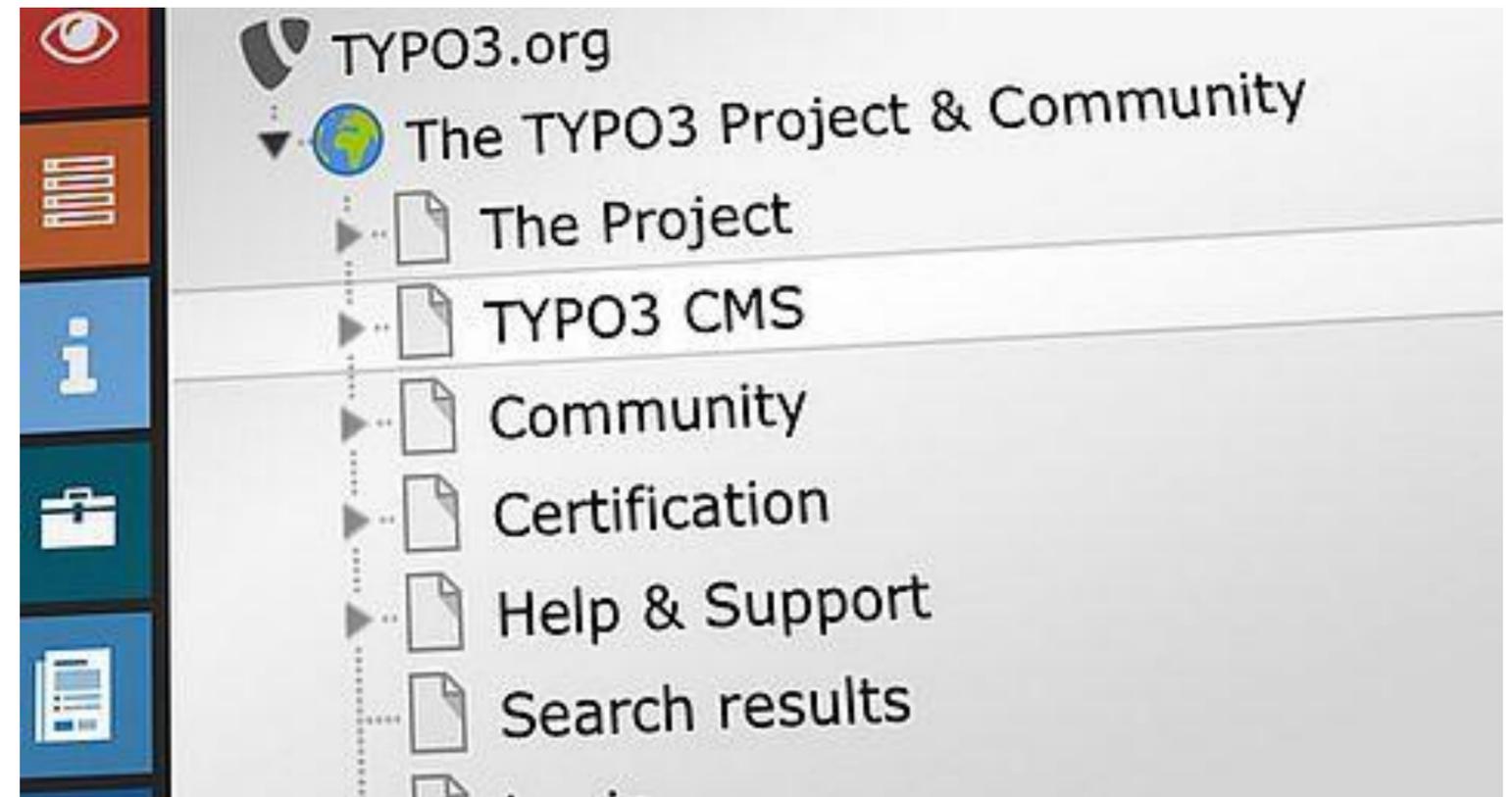
everything subordinates itself
to the annual cycle:

- MacOS
- IOS
- Services



we want:

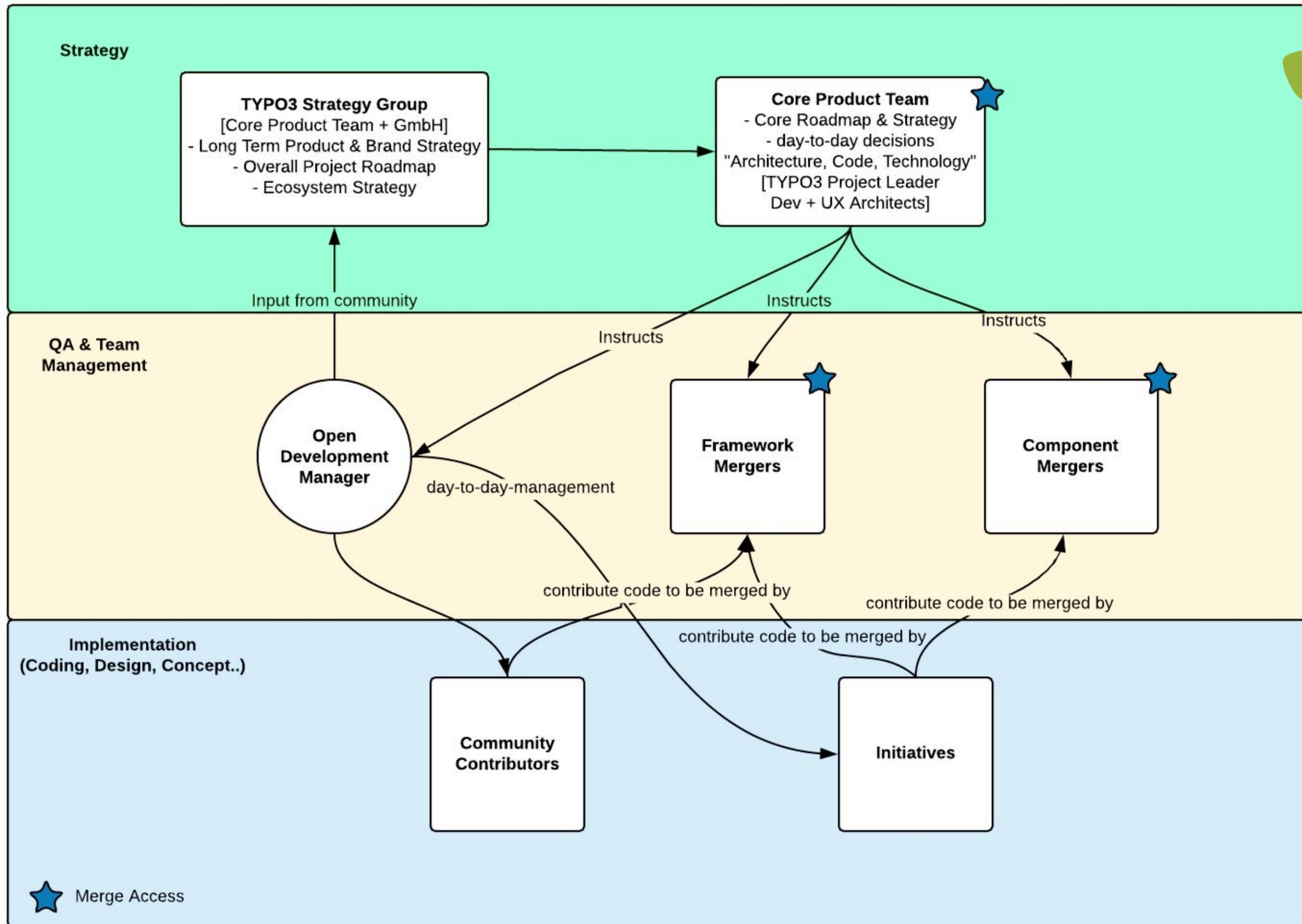
- stable software
- lots of new features
- to a given time
- for free



- **6.2** delayed release
 - Focus quality
- **TYP03 7, 8, 9**
 - Focus: on-time delivery

- What happened to "Inspiring people to share"?
- Why is there only "my way" to do things right?
- Why should TYPO3 GmbH take care of everything?
- Why always blaming and ranting instead of helping?
- Why does everything that provides value have to be in Core?

new structure & variable timing

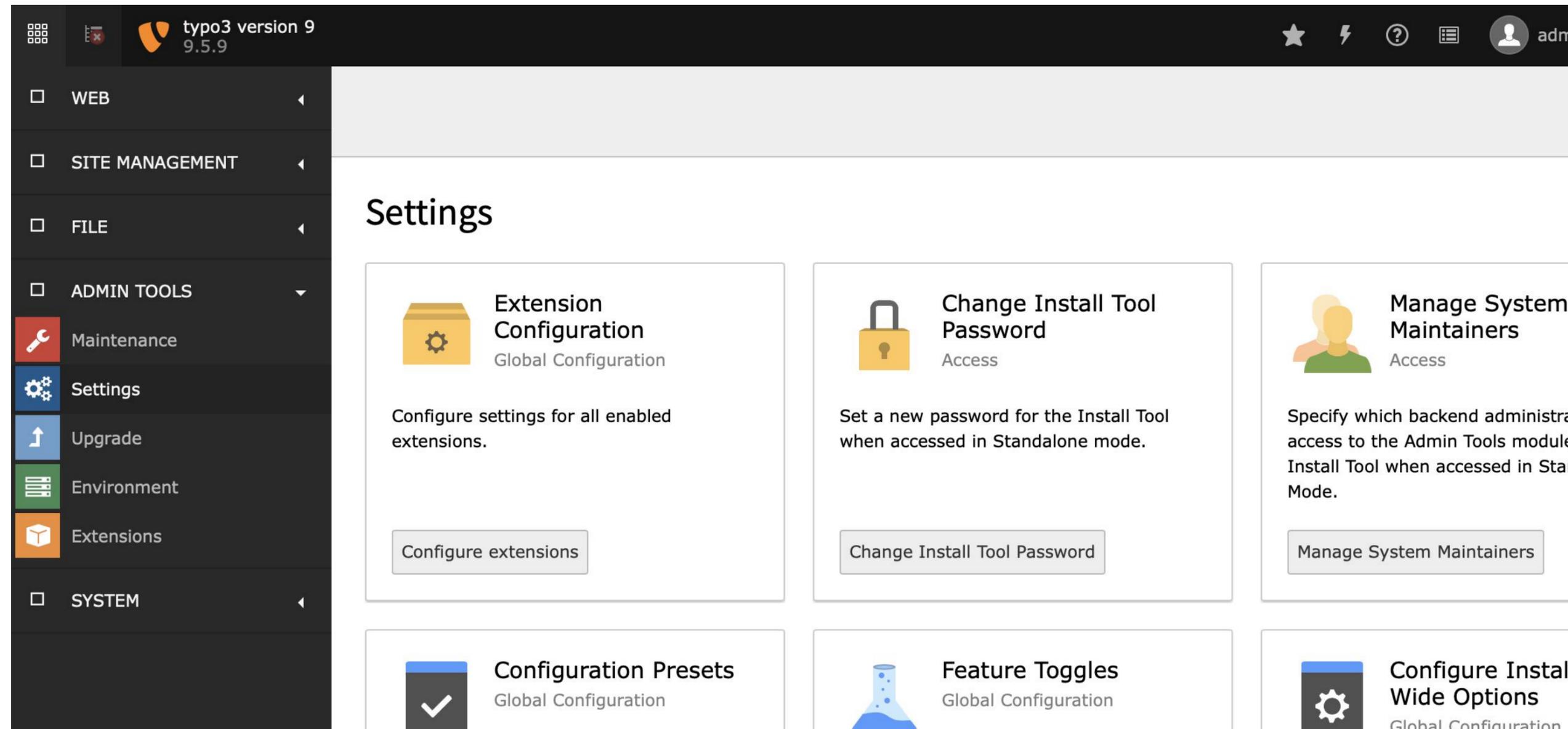


- **TYP03 Project Leader: Benni Mack**
- **Product Team**
 - Susanne Moog (Initiative Coordination, Mentoring)
 - Oliver Hader (Release Coordination, Research, Quality Assurance, Security Lead)
 - Tymoteusz Motylewski (Research, Development Coordination)
 - Benni Mack (TYP03 Project Leader)

<https://typo3.org/community/teams/typo3-development/>

Highlights V9

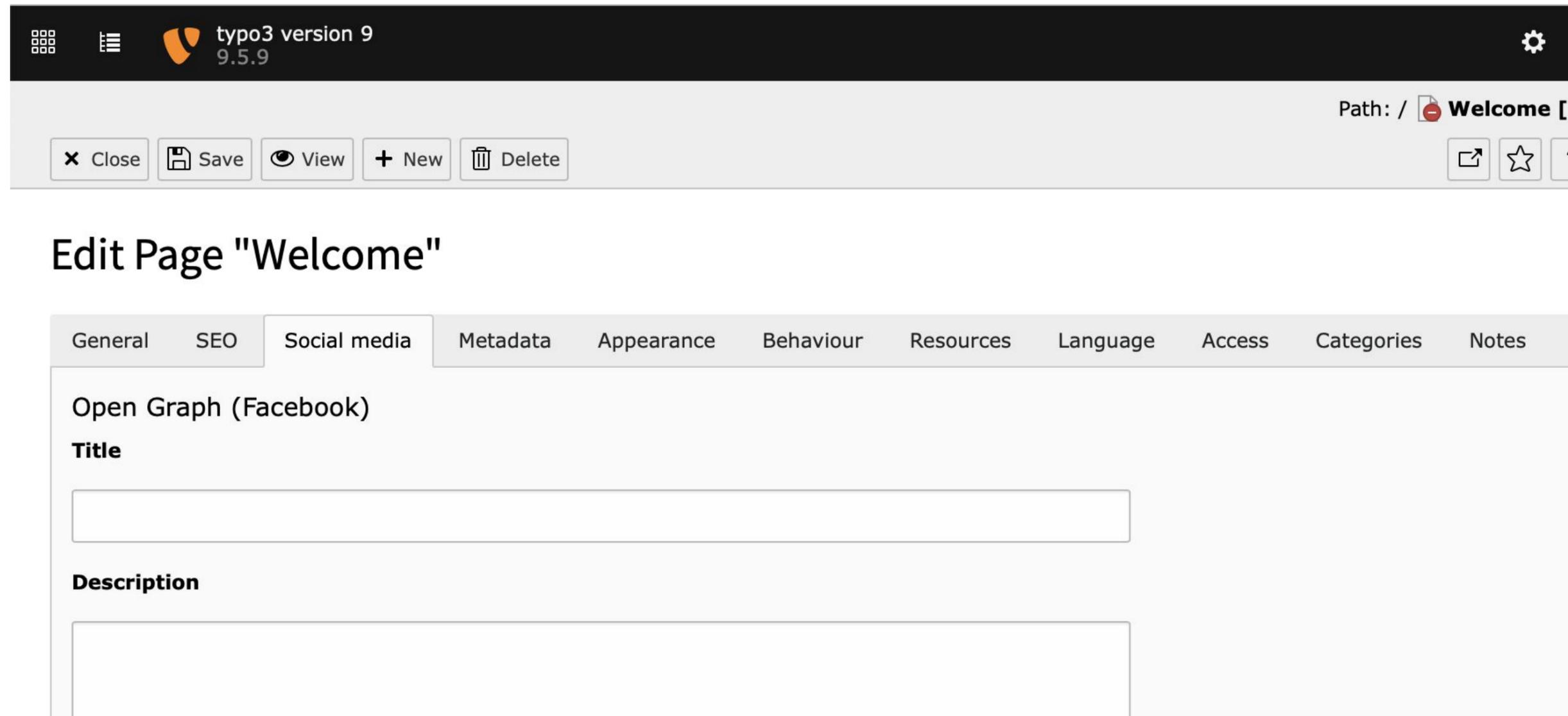
System Maintenance Area



The screenshot displays the TYPO3 System Maintenance Area interface. At the top, a dark header bar shows the TYPO3 logo, the text "typo3 version 9 9.5.9", and several utility icons (star, lightning bolt, question mark, list, and user profile). On the left, a dark sidebar menu lists various system management categories: WEB, SITE MANAGEMENT, FILE, ADMIN TOOLS, Maintenance (highlighted with a wrench icon), Settings (highlighted with a gear icon), Upgrade, Environment, Extensions, and SYSTEM. The main content area is titled "Settings" and contains a grid of six configuration cards. Each card features an icon, a title, a subtitle, a brief description, and a button to access the settings.

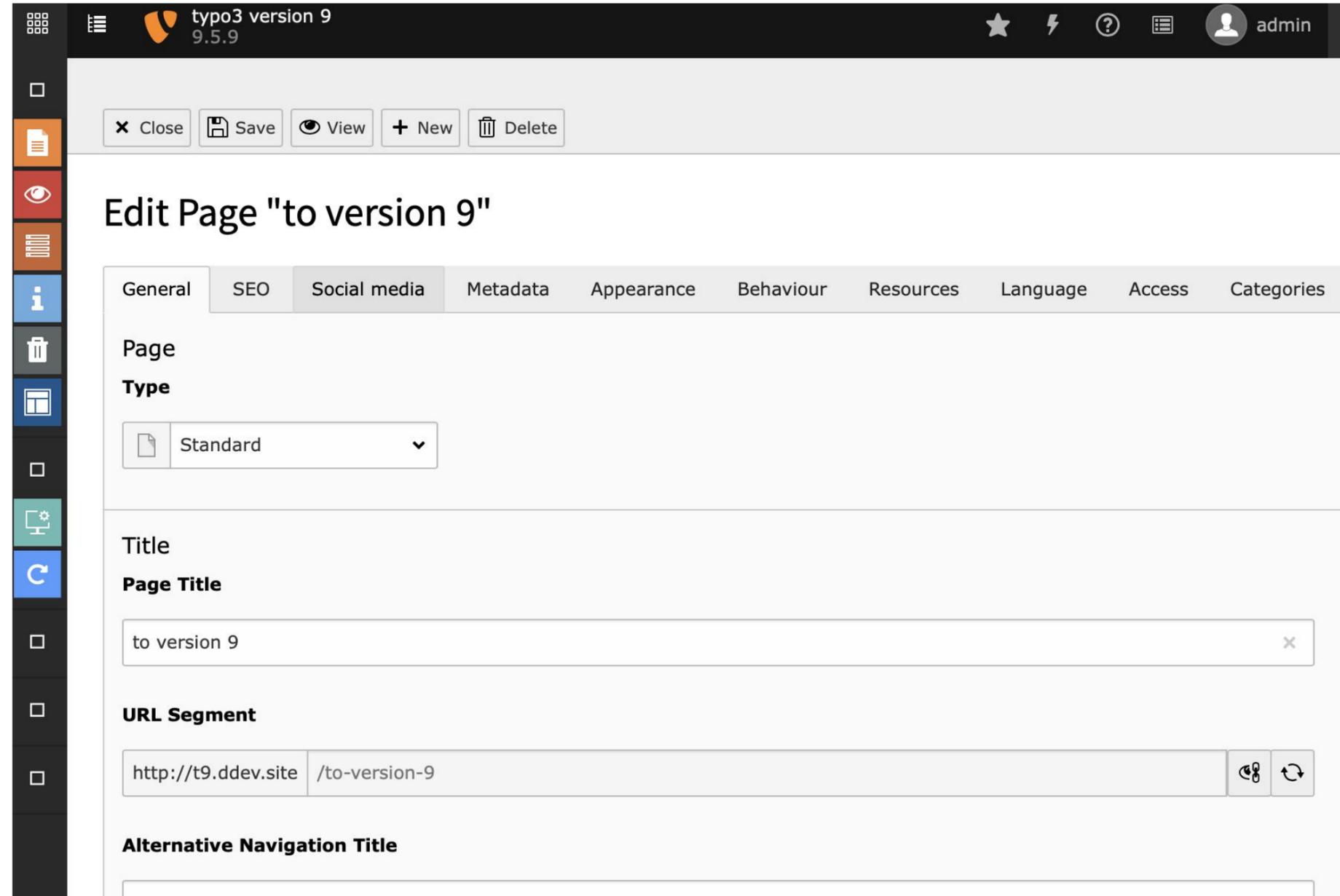
Card Title	Subtitle	Description	Action Button
Extension Configuration	Global Configuration	Configure settings for all enabled extensions.	Configure extensions
Change Install Tool Password	Access	Set a new password for the Install Tool when accessed in Standalone mode.	Change Install Tool Password
Manage System Maintainers	Access	Specify which backend administrators have access to the Admin Tools module and the Install Tool when accessed in Standalone Mode.	Manage System Maintainers
Configuration Presets	Global Configuration		
Feature Toggles	Global Configuration		
Configure Install Tool Wide Options	Global Configuration		

Welcome SEO



The screenshot shows the TYPO3 version 9.5.9 backend interface. The top navigation bar includes a grid icon, a list icon, the TYPO3 logo, the text 'typo3 version 9 9.5.9', and a settings gear icon. Below this is a breadcrumb path: 'Path: / Welcome'. A toolbar contains buttons for 'Close', 'Save', 'View', 'New', and 'Delete'. On the right side of the toolbar are icons for 'Share', 'Star', and 'Print'. The main content area is titled 'Edit Page "Welcome"'. Below the title is a horizontal tabbed menu with the following tabs: 'General', 'SEO', 'Social media', 'Metadata', 'Appearance', 'Behaviour', 'Resources', 'Language', 'Access', 'Categories', and 'Notes'. The 'SEO' tab is currently selected. Under the 'SEO' tab, there is a section for 'Open Graph (Facebook)'. This section contains two fields: 'Title' and 'Description', both of which are currently empty text input boxes.

Site Management & Routing



The screenshot displays the TYPO3 9.5.9 backend interface. At the top, the version 'typo3 version 9 9.5.9' is shown. The user 'admin' is logged in. The main content area is titled 'Edit Page "to version 9"'. Below the title, there are tabs for 'General', 'SEO', 'Social media', 'Metadata', 'Appearance', 'Behaviour', 'Resources', 'Language', 'Access', and 'Categories'. The 'General' tab is active. Under the 'Page' section, the 'Type' is set to 'Standard'. The 'Title' section has a 'Page Title' field containing 'to version 9'. The 'URL Segment' field contains 'http://t9.ddev.site /to-version-9'. There are also icons for 'Alternative Navigation Title' and 'Alternative Navigation URL'.

TYP03 10

University Days

Vienna 2019

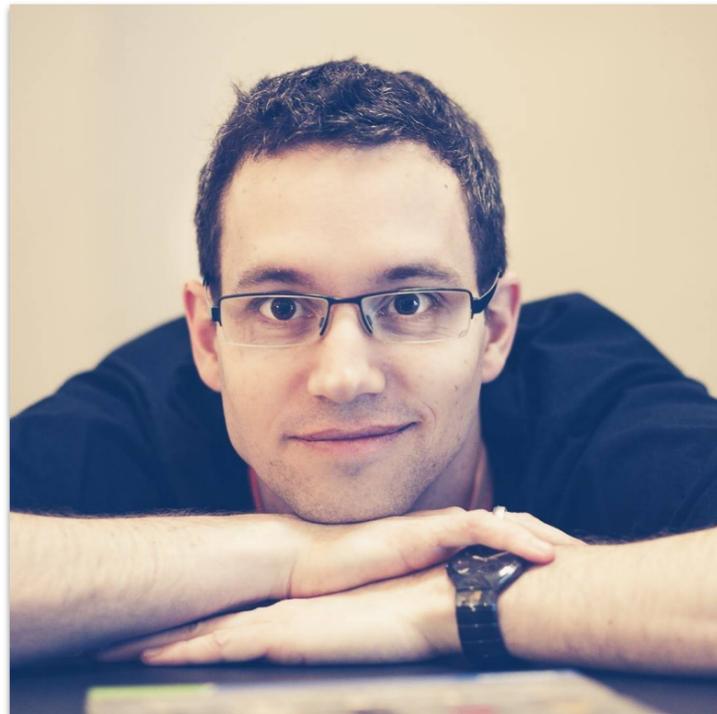
Georg Ringer & Studio Mitte

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

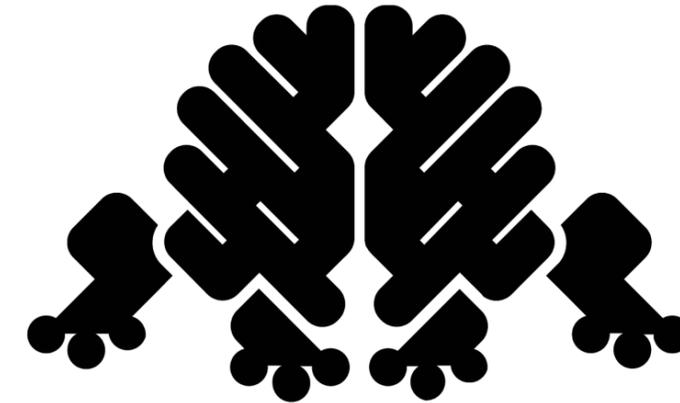
About me

Georg Ringer

- Core & Security Team
- Extension author



Studio Mitte



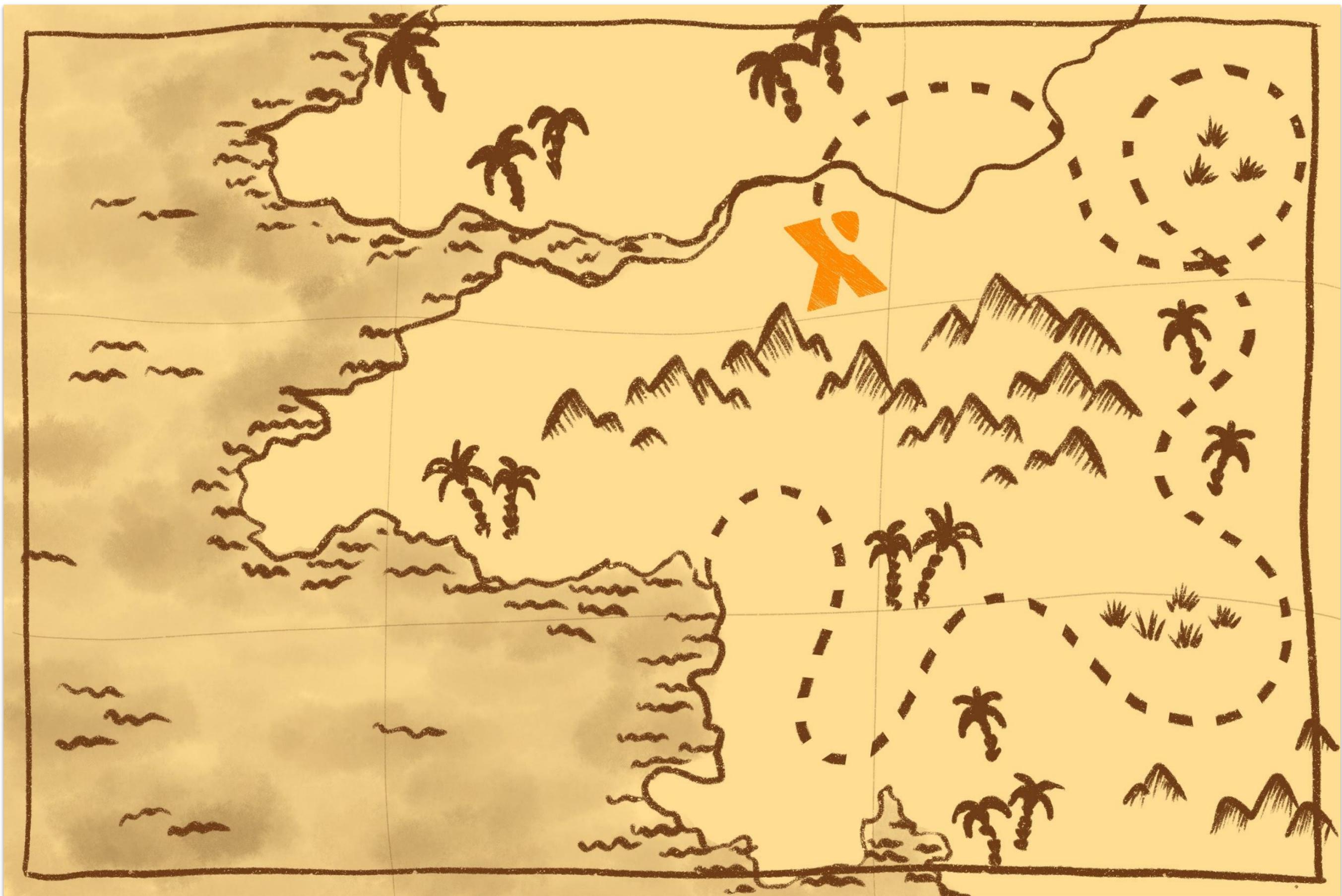
STUDIO MITTE



UNIVERSITY
OF APPLIED SCIENCES
UPPER AUSTRIA



Marks the Spot



WHAT'S NEW IN V10

Cleanup

- Sites now mandatory
- Harden extbase
- Remove tons of deprecations

Unifcations & Standards

PHP Standard Recommendations (PSR)

- PSR-3: Logging
- PSR-11: Dependency Injection
- PSR-14: Events

Extended Site Configuration

- `settings.yaml` per site to replace constants in the long run
- Relative imports in yaml files
- Default settings shipped by extensions

Initiatives

“Scratch your own itch”





Structured Content Initiative

The main goal of this initiative is to build better, native support for custom, semantically structured content element types for TYPO3.

[TYPO3 Structured Content Initiative](#)



Image Rendering Initiative

The main goal of this initiative is improving how TYPO3 renders and processes images.

[TYPO3 Image Rendering Initiative](#)



Your Initiative?

Are you interested in starting your own initiative? Have an idea for a bigger project? Then start your own initiative!

[Learn to start an initiative](#)



Routing Initiative

TYPO3 should support “speaking urls” / “routes” out of the box without the necessity of using a third-party extension like RealURL or CoolURI. Additionally there should be an API to generate links to routes independent of the current context (for example frontend vs. backend link generation).

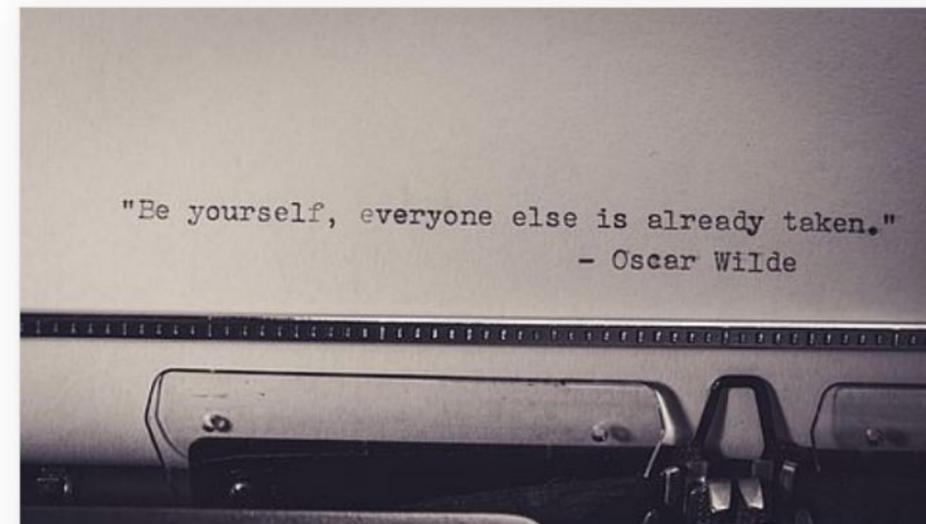
Routing Initiative



Admin Panel

The goal of this initiative is to refactor the Admin Panel, add a new API, re-design it and add new functionality.

Admin Panel Initiative



SEO Initiative

Search Engine Optimization is important for every website. The goal of this initiative is to make TYPO3 out-of-the-box as SEO-friendly as possible. For developers and editors!

TYPO3 SEO Initiative



Form Framework Initiative

The main goal of the ext:form initiative is to continuously provide a state of the art form editor in TYPO3.

Form Framework Initiative



Datahandler & Persistence

The main goal of the first part of the persistence initiative is cleaning up the existing data handling layers in TYPO3 and providing a unified persistence layer for use in all contexts and by extension developers and the core alike.

Persistence Initiative



Frontend Editing Initiative

The frontend editing initiative wants to bring CKEditor based frontend editing to TYPO3.

TYPO3 Frontend Editing Initiative



Dashboard Initiative

The Dashboard initiative aims to bring a multi-purpose dashboard to the TYPO3 backend.

TYPO3 Dashboard Initiative



Localization with Crowdin

Use the SaaS solution Crowdin for localization instead of Pootle. This allows us to improve the process and output of localization TYPO3 Core and TYPO3 Extensions.

Localization with Crowdin Initiative



PWA Initiative

Progressive Web Apps are a hot topic currently. It allows mobile websites to look and feel like native apps, work offline or be installable and more. TYPO3 should make it easy to build progressive web applications.

PWA Initiative



German translation

Translate All

▶ 9.5	<div style="width: 48%;"><div style="width: 48%;"></div></div>	48%	...
▼ master			...
▼ typo3			...
▼ sysext			...
▶ about	<div style="width: 100%;"><div style="width: 100%;"></div></div>	100%	...
▶ adminpanel	<div style="width: 100%;"><div style="width: 100%;"></div></div>	100%	...
▶ backend	<div style="width: 84%;"><div style="width: 84%;"></div></div>	84%	...
▶ belong	<div style="width: 96%;"><div style="width: 96%;"></div></div>	96%	...
▼ beuser			...
▼ Resources			...
▼ Private			...
▼ Language			...
📄 locallang.xlf	<div style="width: 100%;"><div style="width: 100%;"></div></div>	100%	...
📄 locallang_mod.xlf	<div style="width: 100%;"><div style="width: 100%;"></div></div>	100%	...
📄 locallang_mod_permission.xlf	<div style="width: 100%;"><div style="width: 100%;"></div></div>	100%	...

Edit Adresse "max mann" on page "tt_add"

General **Adresse** Kontakt Language

Adresse

Address [address]

City [city]

Country [country]

Koordinaten

Breitengrad [latitude]

Set value

Translating to German

SOURCE STRING

Latitude

CONTEXT ▶

Breitengrad

8 / 11 **SAVE**

GERMAN TRANSLATIONS ▼

Breitengrad	0	<input checked="" type="checkbox"/>	
3 hours ago by Josef Glatz (jousch) approved 3 hours ago by Josef Glatz (jousch)			
 Breitengrad:	0	<input checked="" type="checkbox"/>	
3 hours ago by Georg Ringer (georgringer)			

TM AND MT SUGGESTIONS ▼

-  Breitengrad
TYPO3 CMS's TM, Perfect match
-  Breitengrad





*Be part of
the **TYPO3**
COMMUNITY!*

QUESTIONS?

Thanks to
Benni Mack & Oliver Hader for slide materials