THE ROAD TO *LTS*

TYPO3

Release Date	Version	Features
30th January 2024	13.0 – The Ocean's Calling	Breaking changes and new system requirements
23rd April 2024	13.1 – The Surfer's Starterkit	Reusable components for creating new sites
2nd July 2024	13.2 – Ready. Set. Ride.	Content blocks and new APIs for integrations
17th September 2024	13.3 – Prepare for the Fun	Feature Freeze

TYPO3

UP TO SEVEN YEARS OF MAINTENANCE AND SUPPORT

Free TYPO3 community support for three years:

- 1.5 years full regular maintenance
- 1.5 years priority bug fixing with security fixes and critical updates.

Paid Extended Long-Term Support (ELTS) for TYPO3 v13 LTS available until 31st October 2031.*

* 4th year of ELTS only available for TYPO3 Partners

538 DAYS

203 CONTRIBUTORS

3.383 COMMITS

TYPO3

31.366 FILES CHANGED
428.077 *LOC REMOVED
437.524 *LOC ADDED

System Requirements & Dependencies

PHP v8.2 and Symfony 7

- **PHP version 8.2** is the minimum requirement to run TYPO3 v13. This is just a small step from version 8.1, which TYPO3 v12 requires, and lets us leverage **Symfony version 7**, released in November 2023.

- PHP version 8.2 will receive security updates for the next two years **until December 2025**.

Database Engine

- Thanks to the database abstraction layer Doctrine, TYPO3 supports a range of database servers and engines. TYPO3 v13 will depend on Doctrine DBAL version 4.

- TYPO3 v13 will support the following database engines:

  - MySQL version 8.0.17 or higher

  - MariaDB version 10.4.3 or higher

  - PostgreSQL version 10.0 or higher

  - SQLite version 3.8.3 or higher

Deprecations

- With the release of TYPO3 v13.0, all deprecations from TYPO3 v12 were finally removed.

What's new in TYPO3 v13 LTS?

„With v13 we aim to make repetitive tasks and the day-to-day work of integrators and admins more enjoyable."

Benni Mack, TYPO3 Core Team Lead

The two challenges to solve with v13

Improving Backend User Experience

TYPO3 v13 LTS includes the introduction of **backend dark mode**, performance improvements thanks to **reactive page tree** and the display of editor friendly **page labels** and **status information.**

Streamlining Recurring Actions

Significantly speed up the administration of recurring tasks through the usage of the new **site sets feature** and options to **create custom content types**.
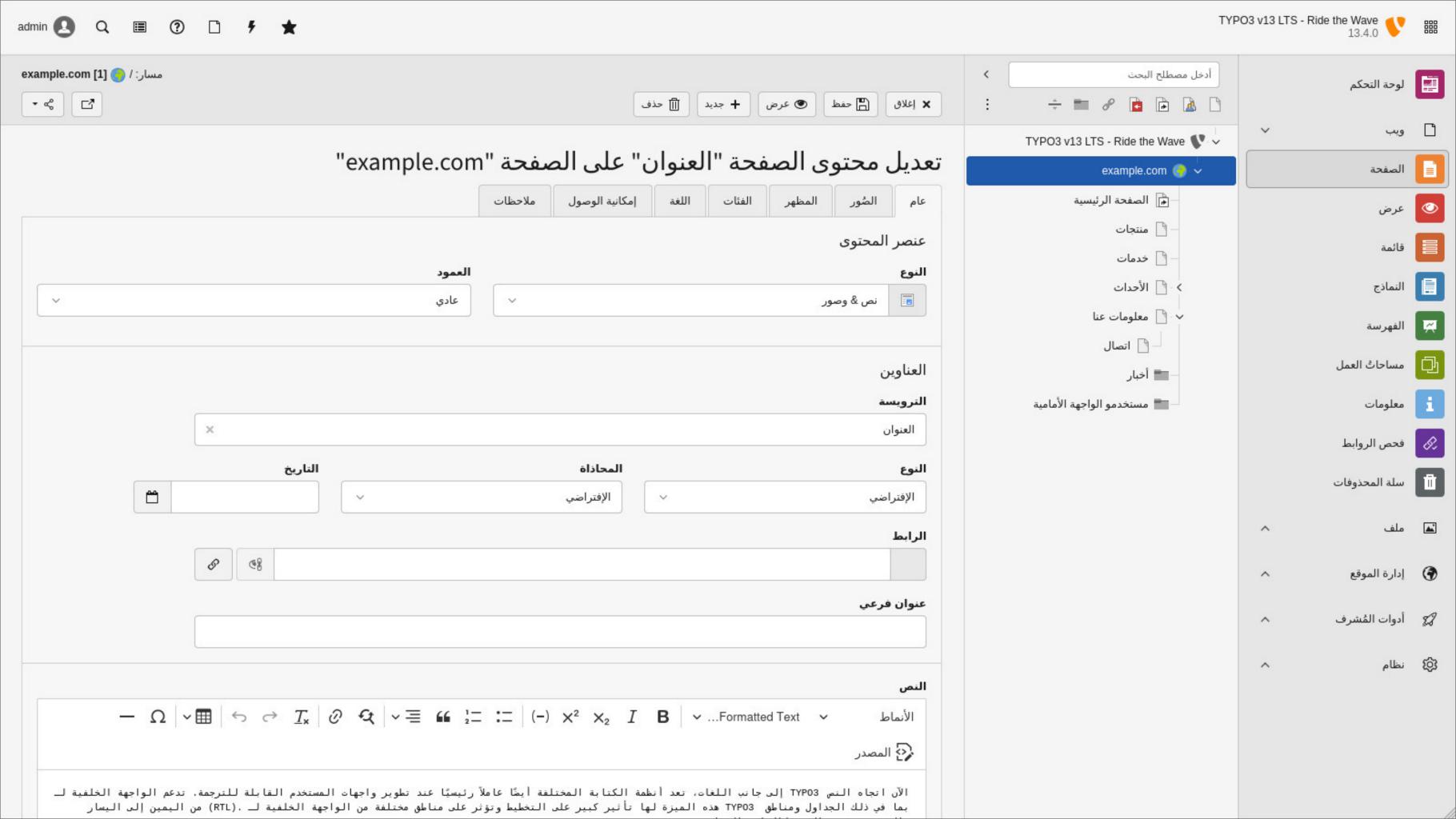
TYPO3 v13 LTS

NEW!

Right-to-left Backend UI

Making TYPO3 even more accessible

Want to **ensure a user friendly backend experience globally?**

- TYPO3 is optimized for more than 60 languages, now including right-to-left writing systems, like Arabic, Farsi, Hebrew, Urdu, etc.

- Full Right-to-Left Backend UI – including pagetree, modules and content elements.

TYPO3 v13 LTS - Ride the Wave
13.4.0

مسار: / example.com [1] 🌐

أدخل مصطلح البحث

إغلاق ✕ | حفظ 💾 | عرض 👁 | جديد ✚ | حذف 🗑

⋮ | ↕ 📁 🔗 ⤵ ⤴ ⚠ 📄

TYPO3 v13 LTS - Ride the Wave 🌊 ⌄

example.com 🌐 ⌄

الصفحة الرئيسية 📄

منتجات 📄

خدمات 📄

الأحداث 📄 ›

معلومات عنا 📄 ⌄

اتصال 📄

أخبار 📁

مستخدمو الواجهة الأمامية 📁

لوحة التحكم 📄

ويب ⌄

الصفحة 📄

عرض 👁

قائمة ☰

النماذج 📖

الفهرسة 🖼

مساحات العمل 🗗

معلومات ℹ

فحص الروابط 🔗

سلة المحذوفات 🗑

ملف 🖼 ⌃

إدارة الموقع 🌐 ⌃

أدوات المُشرف 🚀 ⌃

نظام ⚙ ⌃

تعديل محتوى الصفحة "العنوان" على الصفحة "example.com"

عام | الصُور | المظهر | الفئات | اللغة | إمكانية الوصول | ملاحظات

عنصر المحتوى

النوع

نص & وصور 🖼 ⌄

العمود

عادي ⌄

العناوين

الترويسة

العنوان ✕

النوع

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المحاذاة

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🔲 المصدر

الآن اتجاه النص TYPO3 إلى جانب اللغات، تعد أنظمة الكتابة المختلفة أيضًا عاملاً رئيسيًا عند تطوير واجهات المستخدم القابلة للترجمة. تدعم الواجهة الخلفية لـ TYPO3 هذه الميزة لها تأثير كبير على التخطيط وتؤثر على مناطق مختلفة من الواجهة الخلفية لـ (RTL). من اليمين إلى اليسار
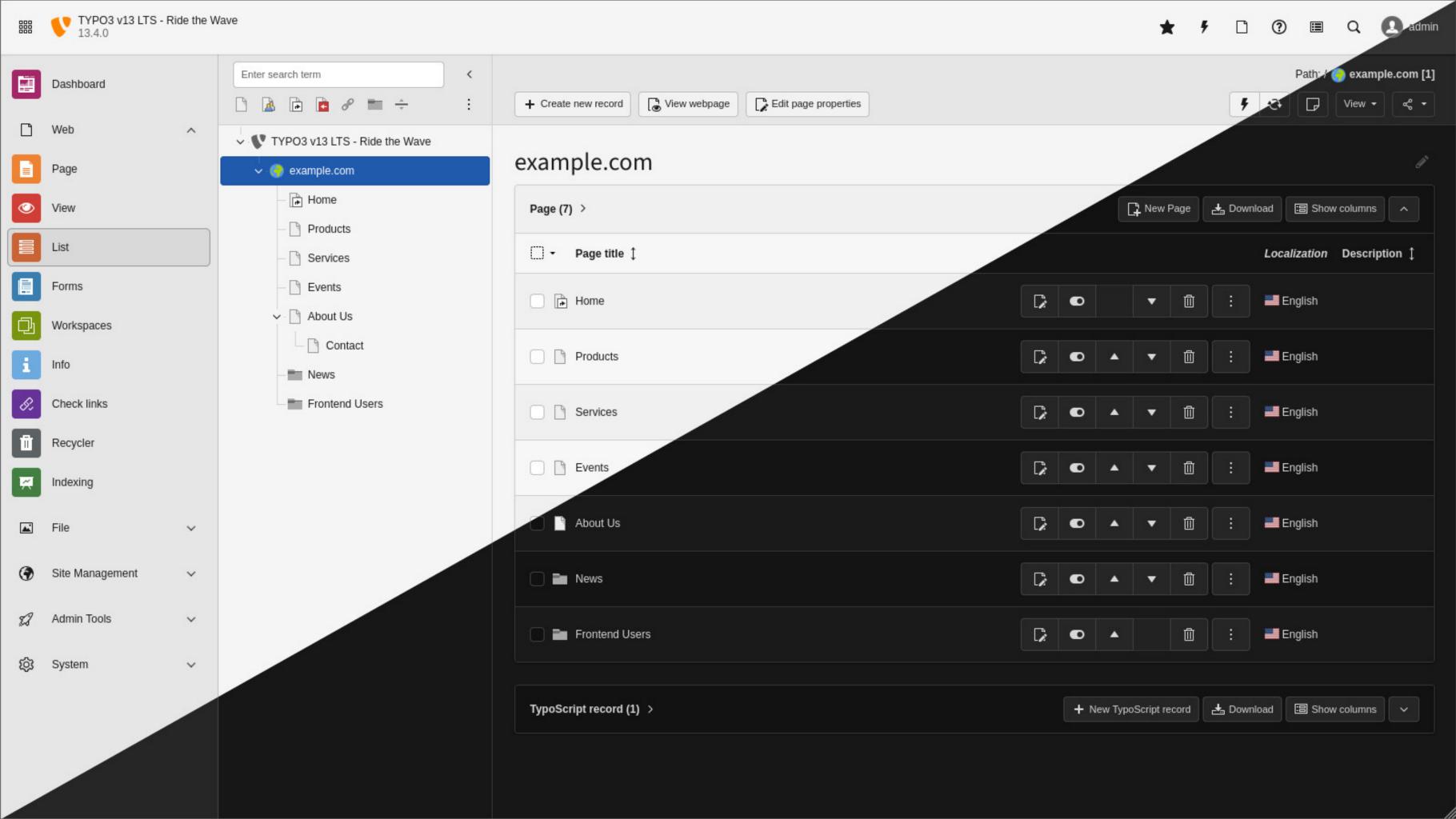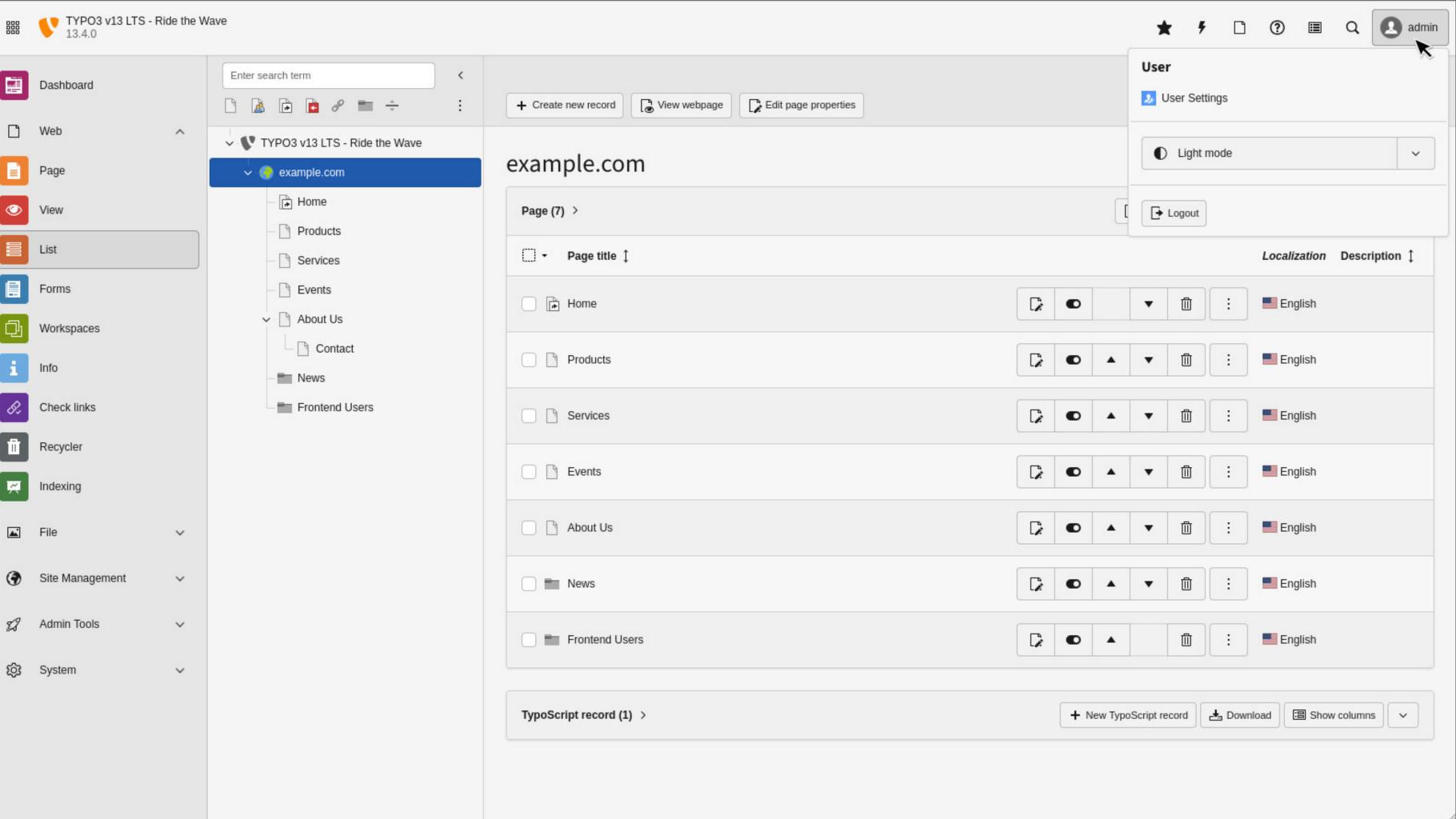
TYPO3

Making TYPO3's backend even more customizable

Want to ensure **a more personalized**, **user-friendly backend experience**?

- Choose between **Light Mode and Dark Mode** – whichever one fits your preferences.
- Enjoy multiple different **new backend modules**
- More **user-friendly mass-editing options** for pages & files
- **Customizable shortcuts** through Hotkey API

Dashboard

Web

Page

View

List

Forms

Workspaces

Info

Check links

Recycler

Indexing

File

Site Management

Admin Tools

System

Enter search term

Create new record   View webpage   Edit page properties

View

- TYPO3 v13 LTS - Ride the Wave
  - example.com
    - Home
    - Products
    - Services
    - Events
    - About Us
      - Contact
    - News
    - Frontend Users

example.com

Page (7)

New Page   Download   Show columns

	Page title		Localization	Description
☐	Home		🇺🇸 English	
☐	Products		🇺🇸 English	
☐	Services		🇺🇸 English	
☐	Events		🇺🇸 English	
☐	About Us		🇺🇸 English	
☐	News		🇺🇸 English	
☐	Frontend Users		🇺🇸 English	

TypoScript record (1)

New TypoScript record   Download   Show columns

TYPO3 v13 LTS - Ride the Wave
13.4.0

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TYPO3 v13 LTS - Ride the Wave

example.com

Home

Products

Services

Events

About Us

Contact

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Frontend Users

Create new record   View webpage   Edit page properties

example.com

Page (7) >

	Page title ↕						Localization	Description ↕
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☐	News						🇺🇸 English	
☐	Frontend Users						🇺🇸 English	

TypoScript record (1) >

New TypoScript record   Download   Show columns

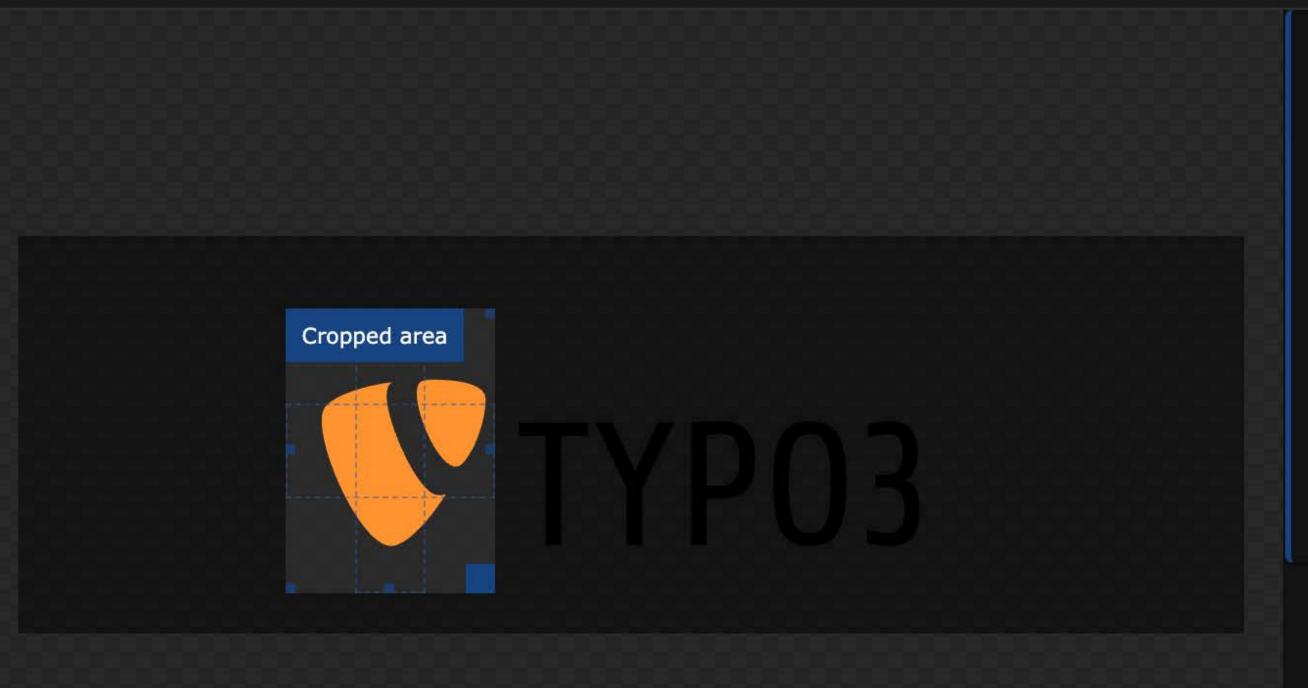admin

new!

TYPO3 v13 LTS

Image Rendering

Improving TYPO3's editor experience

Want to ensure **your editors can comfortably work in the TYPO3 backend**?

- TYPO3 now allows the generation of modern, state-of-the-art **WebP & AVIF** images.

- Additionally with v13 LTS, a **cropped or resized SVG** ... will result in SVG instead of JPG or PNG.

Image manipulation : Logo_TYPO3.svg (481 × 203) ✕

∨ Default

Aspect ratio

16:9	3:2	4:3	1:1

Free ✔

Selected Size
127×173 px

↻ Reset

Cropped area

TYPO3

✕ Cancel

💾 Accept

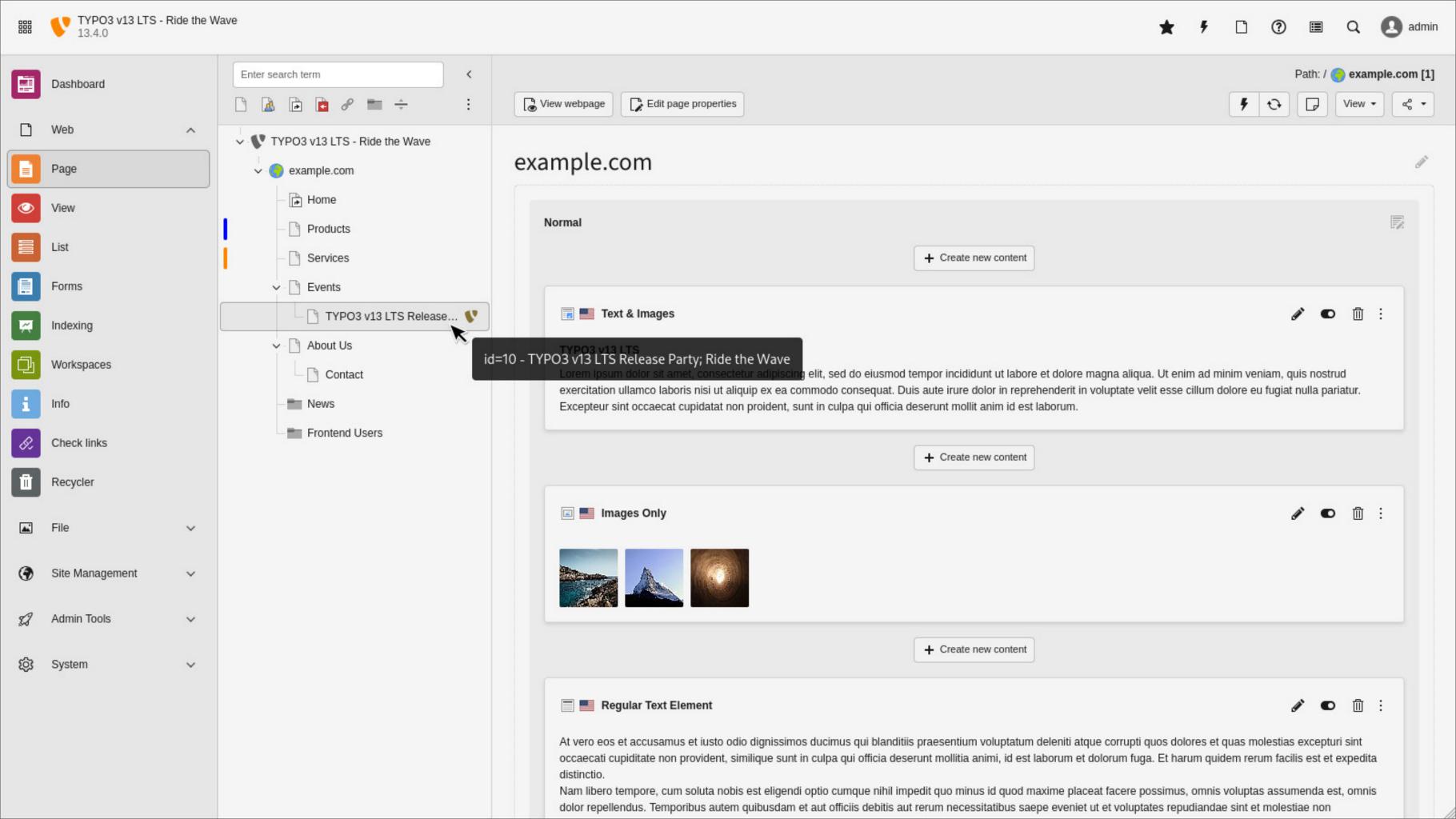# TYPO3 v13 LTS

NEW!

Reactive Pagetree

The fastest pagetree possible

Want to offer **your editors the smoothest and fastest editing experience**?

- The reworked, reactive page tree enables a blazingly fast performance.
- Enjoy fast loading times – no matter the size of your individual installation.

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Enter search term

View webpage   Edit page properties   View

TYPO3 v13 LTS - Ride the Wave
example.com
Home
Products
Services
Events
TYPO3 v13 LTS Release...
About Us
Contact
News
Frontend Users

id=10 - TYPO3 v13 LTS Release Party; Ride the Wave

example.com

Normal

+ Create new content

🇺🇸 **Text & Images**

TYPO3 v13 LTS
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

+ Create new content

🇺🇸 **Images Only**

+ Create new content

🇺🇸 **Regular Text Element**

At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio.
Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non

TYPO3 v13 LTS

NEW!

Site Sets

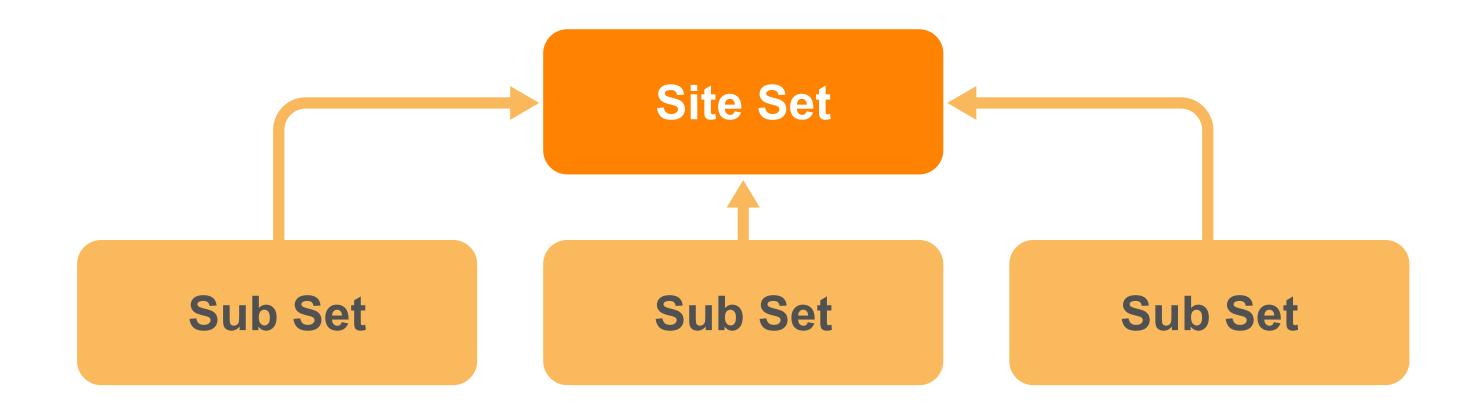# Centrally configurable components

Want to continuously **reuse project components throughout your installations**?

- The Site Sets API enables central management of individual settings and configurations.

- **Minimize recurring tasks** by defining and reusing central components.

Sets, Subsets, Settings & More.

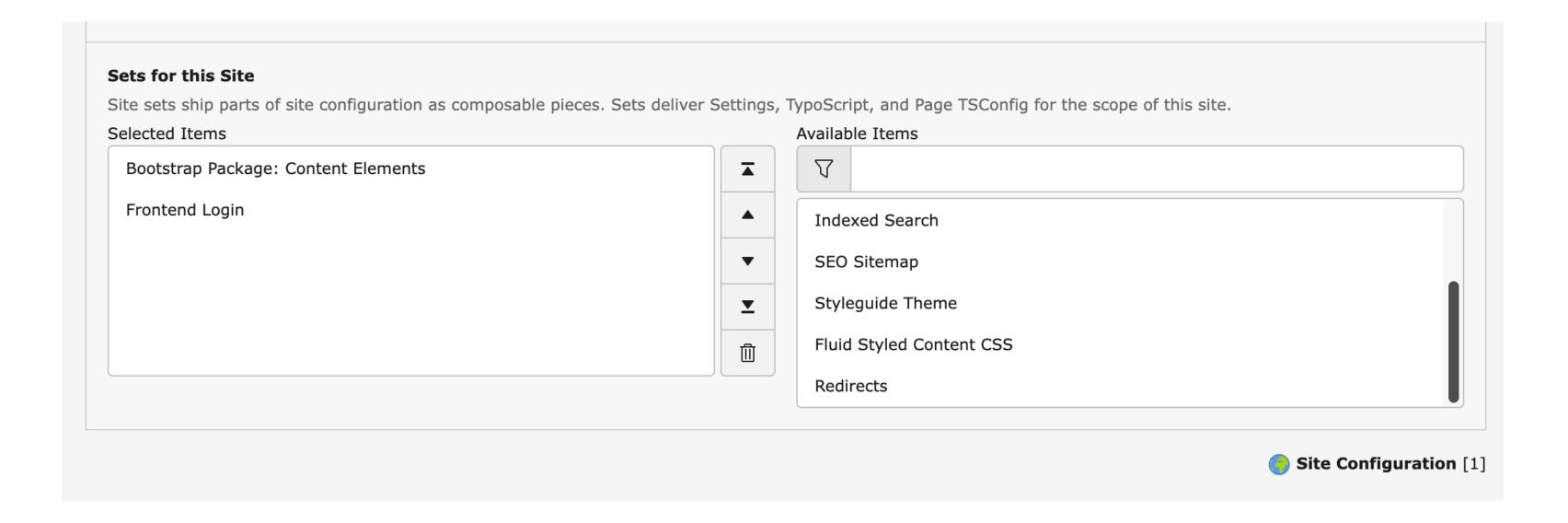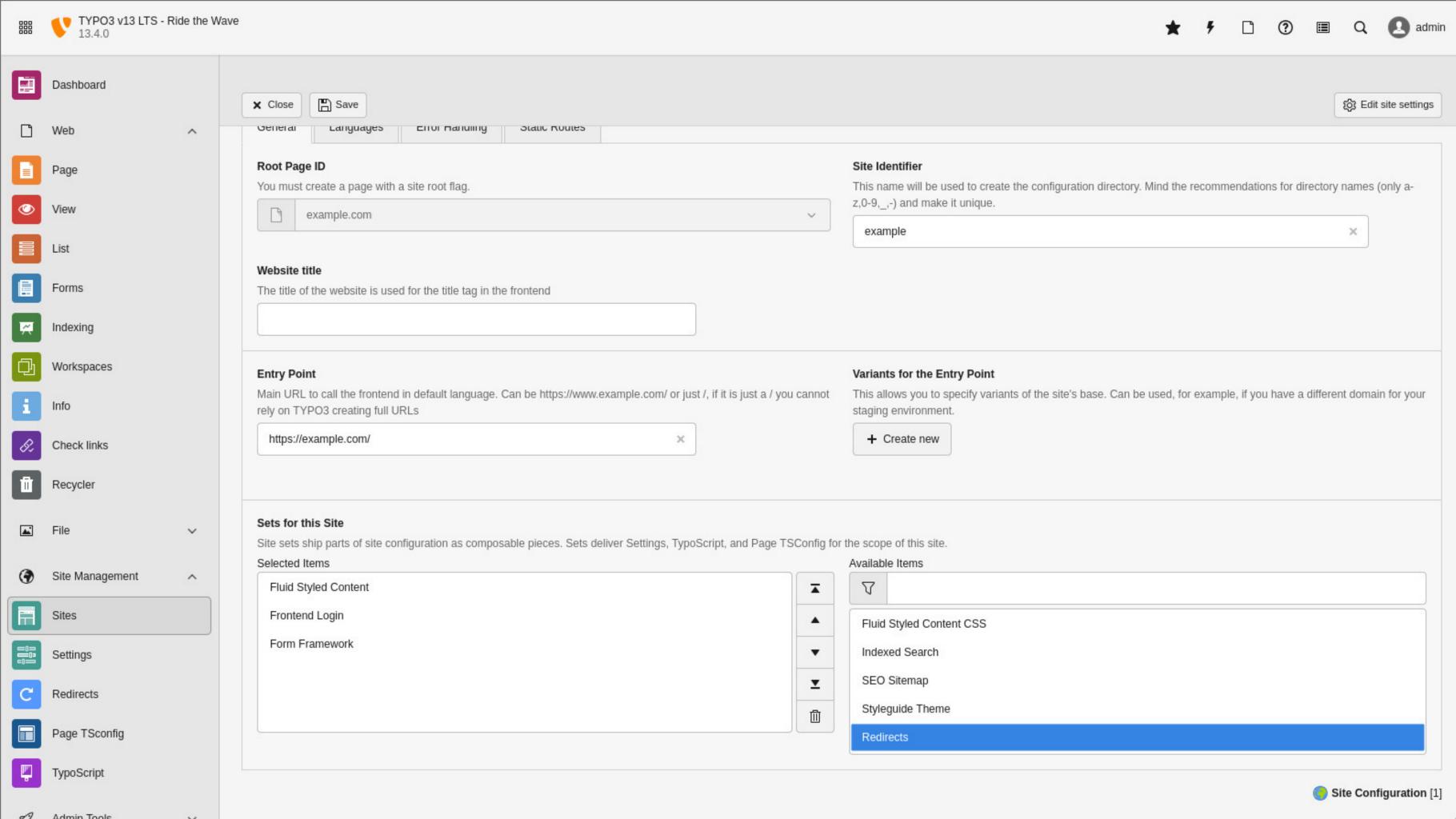Site Sets are composable of Subsets; building on top of each other.

```
ls EXT:acme_base/Configuration/Sets/SetForACMEAgency

    TsConfig/
    TypoScript/
    # definition, dependencies and configuration
    config.yaml
    settings.definitions.yaml
    settings.yaml
    setup.typoscript
```

How to manage Site Sets for your page

Sets for this Site

Site sets ship parts of site configuration as composable pieces. Sets deliver Settings, TypoScript, and Page TSConfig for the scope of this site.

Selected Items

Bootstrap Package: Content Elements
Frontend Login

Available Items

- Indexed Search
- SEO Sitemap
- Styleguide Theme
- Fluid Styled Content CSS
- Redirects

🌐 **Site Configuration** [1]

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Site Management ∧

Sites

Settings

Redirects

Page TSconfig

TypoScript

Admin Tools ∨

✕ Close 💾 Save

⚙ Edit site settings

General   Languages   Error Handling   Static Routes

Root Page ID

You must create a page with a site root flag.

📄 | example.com ⌄

Website title

The title of the website is used for the title tag in the frontend

Entry Point

Main URL to call the frontend in default language. Can be https://www.example.com/ or just /, if it is just a / you cannot rely on TYPO3 creating full URLs

https://example.com/ ✕

Site Identifier

This name will be used to create the configuration directory. Mind the recommendations for directory names (only a-z,0-9,_,-) and make it unique.

example ✕

Variants for the Entry Point

This allows you to specify variants of the site's base. Can be used, for example, if you have a different domain for your staging environment.

➕ Create new

Sets for this Site

Site sets ship parts of site configuration as composable pieces. Sets deliver Settings, TypoScript, and Page TSConfig for the scope of this site.

Selected Items

Fluid Styled Content

Frontend Login

Form Framework

⏫
🔼
🔽
⏬
🗑

Available Items

🔽

Fluid Styled Content CSS

Indexed Search

SEO Sitemap

Styleguide Theme

Redirects

🌐 Site Configuration [1]

admin

Close | Save

YAML export | Edit site configuration

Site Settings for "example.com"

example [pid: 1]

seo

- SEO Sitemap
  - Template Paths

SEO Sitemap

Doktypes to exclude
seo.sitemap.pages.excludedDoktypes

3, 4, 6, 7, 199, 254

List of page uids which should be excluded recursive
seo.sitemap.pages.excludePagesRecursive

Additional where clause
seo.sitemap.pages.additionalWhere

{#no_index} = 0 AND {#canonical_link} = ''

Template Paths

Path to template root (FE)
Test description
seo.sitemap.view.templateRootPath

EXT:seo/Resources/Private/Templates/

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Site Management

Sites

Settings

Redirects

Page TSconfig

TypoScript

Admin Tools

Presets

Set up once – reuse forever

Are you tired of **running through the same setup steps again and again when creating similar projects?**

- The preset feature allows you to create indiviual project packages to simply add to your existing installations.

- Minimize recurring setup steps by defining and **reusing central project presets.**

The official introduction of presets

- Containing readily defined **frontend outputs, pages, content & backend users.**

- Individually customizable through agencies & users.

Frontend Output   **Settings**   **Pages & Content**

Sneak Peek

The first presets were created by young talents from the TYPO3 Ecosystem during the first ever **Surfcamp 2024**. Take a look and try them out for yourself!

Portfolio

Landingpages

F.C. Bigfoot

TYPO3 v13 LTS

new!

Easier Custom Content Types & Content Blocks

Content Blocks for v12 as ignition

The TYPO3 Content Blocks Team built a **production-ready package** between 2022 and 2024.

- This package is available for v12 LTS ...

- ... and has been **steadily adapted to incorporate feedback quickly** and release faster.

TYP03

Integration Strategy (I)

The general availability for features was inspired by Content Blocks.

- Schema API for accessing TCA
- Record API — database rows that resolve relations (used in Fluid for Frontend and Backend)
- No need to define system fields (hidden, language etc) in TCA anymore

TYPO3

Integration Strategy (II)

Content Blocks **are being integrated feature by feature** into TYPO3 Core.

- Automatically show content types in „New Content Element Wizard"
- No need for ext_tables.sql anymore
- lib.parseFunc_RTE available without Fluid Styled Content

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Further Content Blocks Development

The YAML Schema and file location still remain in EXT:contentblocks for v13 – instead of Core directly.

- The extent of the EXT:contentblocks **massively slimmed down** in v13 due to several aspects having been migrated directly into Core
- The Extension is available for v12 and v13 LTS
- One of the next steps: **Add additional features development** (e.g. GUI)
- Maintenance on github.com/FriendsOfTYPO3

Fluid Templating

TYPO3

TYPO3 v13 LTS – now shipping Fluid 4.0

.. Yes, we're alive! Introducing the first new major version since 2016.

- <f:comment> behaves correctly now!
- boolean arguments for tag-based ViewHelpers available
- Many new ViewHelpers: <f:join>, <f:replace>, <f:split>, <f:first>, <f:last> <f:constant>
- Mainly code-cleanup under the hood, mostly compatible

TYPO3 v13 LTS

new!

Additional Gems

You can also look forward to:

- Search in Form Module

Editors and Admins can also look forward to:

- Optimizations in **Redirects** Backend Module
- Improvements in the **TYPO3 backend search**
- **New button: Mass Editing** of Selected Columns for Files and Pages
- Streamlined **Permission Management**
- **Drag & Drop** on to page tree from page module
- **Update Preview Images** of YouTube / Vimeo videos

TYPO3

Developers can also look forward to:

- Record-based content resolving via PAGEVIEW Content Object
- **Less TypoScript boilerplate** code needed
- Improvements and trouble shooting for **indexed_search**
- **Support for Extbase File Upload +** File Validation
- Ongoing replacement of **hooks with events**

TYPO3

Developers can fine-grain define cache tags

Define different cache lifetime and tags to your page content depending on the content rendering.

- A more powerful enterprise-feature **for developers to speed up performance even more**.
- **Programatically add or remove cache tags** based on rendered records.

TYPO3

MANY MORE NEW AND EXCITING FEATURES ARE COMING YOUR WAY!

SURF SHOP