



TYPO3 v12 LTS

**HERE TO
SAVE THE DAY**

www.typo3.org

Inspiring people to share

***TYP03 ENABLES **PEOPLE**
TO **DELIVER** CONTENT-RICH
DIGITAL **EXPERIENCES** ON
ANY CHANNEL, ANY DEVICE,
IN ANY LANGUAGE.***

***START SMALL
AND GROW FAST.
WELCOME TO
ENTERPRISE ANY-SIZE.***

A photograph of two men in a workshop or office environment. The man on the left is seated and looking at a laptop. The man on the right is standing and leaning over, also looking at the laptop. The scene is lit with a warm, orange-toned light. In the background, other people are blurred. A bottle of beer is visible on the table in front of the seated man.

TYP03 v12 LTS
THE MAKING OF ...



- **First sprint release on 4th October 2022. Since then:**

Release Date	Version	Features
4th October 2022	12.0 – Release Your Power	Backend UX Improvements
6th December 2022	12.1 – Together As One	Improved Backend Search, Incoming Webhooks
7th February 2023	12.2 – Around The World	Internationalization, Password Policies
28th March 2023	12.3 – FREEZE	Feature Complete, Outgoing Webhooks, CSP
25th April 2023	12.4 – Here To Save The Day	LTS Release

***“TYPO3 v12 NOW
INTEGRATES EVEN
EASIER INTO YOUR
SYSTEM
ARCHITECTURE.”***

BENNI MACK, TYPO3 CORE LEAD



569 DAYS
141 CONTRIBUTORS
3256 COMMITS

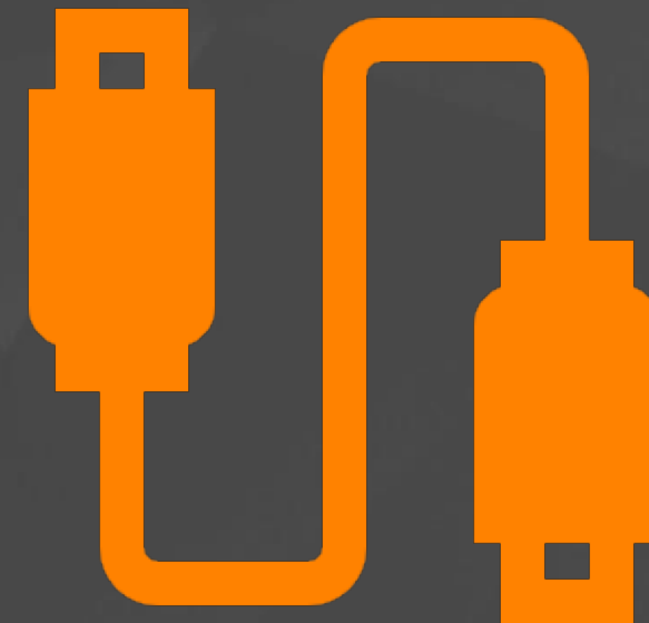
18.714 FILES CHANGED
320.477 LOC* REMOVED
683.084 LOC* ADDED

A woman with long brown hair and glasses is leaning over a desk, looking intently at a laptop screen. The scene is dimly lit with a warm, orange glow. In the background, a man is partially visible, looking towards the woman. The overall atmosphere is one of focused collaboration in a professional setting.

***TYP03 v12 LTS
HIGHLIGHTS***

INTEGRATIONS

**INTEGRATION INTO COMPLEX IT
INFRASTRUCTURES.**



- **Reactions:** Enable external systems to create content or trigger actions in TYPO3 with a simple inbound call. No PHP scripting required.
- **Outgoing Webhooks:** Turn TYPO3 into an automation hub. Notify external systems of events inside the CMS, and trigger follow-up actions.

- Dashboard
- Web
- File
- Site Management
- Admin Tools
- System
- Access
- Backend Users
- Reactions
- Webhooks
- Scheduler
- Reports
- Log
- DB Check
- Configuration

Close Save New Delete

Share

Edit System Reactions "Internal Note" on root level

General Access

Configuration
General configuration of the reaction.

Reaction Type

Create database record

Name

Meaningful name of the reaction

Internal Note

Description

Additional information about the reaction.

Identifier

This is your unique reaction identifier within the TYPO3 URL

3d507621-c198-4817-a6f8-3b04d1a879a5

Secret

The secret is required to call the reaction from the outside. The secret can be re-created anytime, but will only be visible once (until the record got saved).

.....

Additional configuration

Table

Select one tables to display the corresponding fields.

Internal note

Storage PID

Select the page on which a new record is created on.

Find records

Impersonate User

Select the user with the appropriate access rights that is allowed to add a record of this type. If in doubt, use the CLI user.

Create a new Reaction

- Dashboard
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+ Create new reaction

↻ 🔗

Reactions — Manage Incoming HTTP Webhooks

Name **Reaction Type** Show all Filter Reset

<input type="checkbox"/>	Name ▲	Reaction Type	URL	
<input type="checkbox"/>	Internal Note	Create database record	<pre>curl -X 'POST' \ 'https://typo3.screenshots.ddev.site/typo3/reaction/3d507621-c198-4817-a6f8-3b04d1a879a5' \ -d '{"my-payload":"my-value","field-b":"my-input"}' \ -H 'accept: application/json' \ -H 'x-api-key: ***your-secret***'</pre>	<p>Example</p> <p>  </p>

List all Reactions of the
TYPO3 instance

- Site Management
- Sites
- Redirects
- Page TSconfig
- TypoScript
- Admin Tools
- Maintenance
- Settings
- Upgrade
- Environment
- Content Security Policy
- Extensions
- System
- Access
- Backend Users
- Reactions
- Webhooks
- Scheduler
- Reports

Close Save New Delete

Edit System webhooks "Redirect Hit" on root level

Record information
Update a Google Sheet when a redirect has been hit

General HTTP Settings Access

Configuration
General configuration of the webhook.

Webhook Trigger [webhook_type]
Trigger the webhook, ...
... when a redirect has been hit [typo3/redirect-was-hit]

Identifier [identifier]
This is your unique webhook identifier
7e0771b9-cc90-4374-bd0a-9923623c75f5

Name [name]
Meaningful name of the webhook
Redirect Hit

Description [description]
Additional information about the webhook.
Update a Google Sheet when a redirect has been hit

URL [url]
Target URL that should be called.
https://google.com
target: _blank

Secret [secret]
The secret is mandatory to create a hash that is sent with the request. The secret can be used to verify the payload has not been modified, see the documentation for more details.
.....

Edit your webhooks directly in the backend

- Dashboard
- Web
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- Access
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- Reactions
- Webhooks**
- Scheduler
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- Configuration

+ Create new webhook

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Webhooks — Manage Outgoing HTTP Webhooks

Name Webhook Type

<input type="checkbox"/>	Name	Webhook Type	URL	
<input type="checkbox"/>	Failed Logins	Event is fired if something went wrong while trying to log in a user (frontend)	https://example.com/api/v1/failed-login	<input type="button" value="edit"/> <input type="button" value="toggle"/> <input type="button" value="delete"/>

List of available webhooks

- **Message bus:** Asynchronous message transport. The sender can continue working even when the receiver is not yet ready to handle the message.
- ***Bonus: Connect TYP03 to workflow automation tools like Zapier, IFTTT, or make.com, and expand your workflows to include external services.***

SECURITY FEATURES



- **New Content Security Policies (CSP) backend module:** An added security layer to detect and mitigate attacks like cross-site scripting (XSS) and data injection.
- **Password policy rules:** Make brute-force password attacks more difficult. Enforce the use of strong passwords that meet current security standards.

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Content Security Policy

All Remove all

Created	Scope	Violation	URI	
2023-04-24T14:43:56+00:00	backend	2 style-src-elem	spy.anyhost.it	fixable
2023-04-24T14:43:56+00:00	backend	2 script-src-elem	inline	
2023-04-24T14:43:56+00:00	backend	1 style-src-elem	spy.anyhost.it	fixable
2023-04-24T14:43:56+00:00	backend	1 style-src-elem	cdn.jsdelivr.net	fixable
2023-04-24T14:43:02+00:00	backend	1 style-src-elem	inline	
2023-04-24T14:43:02+00:00	backend	2 script-src-elem	inline	
2023-04-24T14:43:02+00:00	backend	2 style-src-elem	spy.anyhost.it	fixable

Details

Directive / Disposition
script-src-elem / enforce

Blocked URI
inline

Document URI
https://typo3.screenshots.ddev.site/typo3/module/tools/csp/test (111:)

Sample
`console.log("Malicious CSP Test")`

UUID
5a56a468-a660-42a8-8011-c7d33b3cf3e8

Summary
00851d9061bc5e2d56d7bb6695b5a8fb5a39a455

Close Mute Delete

New CSP module in Admin Tools

- Dashboard
- Web
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- Admin Tools
- Maintenance
- Settings
- Upgrade
- Environment
- Content Security Policy
- Extensions
- System

Settings



Extension

Configure settings for extensions.

Configure extension



Feature

Enable and disable features.

Configure Feature

Feature Toggles

Security: backend enforce referrer

If on, HTTP referrer headers are enforced for backend and install tool requests to mitigate potential same-site request forgery attacks. The behavior can be disabled in case HTTP proxies filter required `Referer` header. As this is a potential security risk, it is recommended to enable this option.

Default setting: Enabled

Security: backend enforce content security policy

If on, HTTP Content-Security-Policy header will be applied for each HTTP backend request.

Default setting: Disabled

Security: frontend enforce content security policy

If on, HTTP Content-Security-Policy header will be applied for each HTTP frontend request.

Default setting: Disabled

Save



Configuration Presets

Global Configuration

Configure image processing, debug/live mode and mail settings.

Choose Preset

BACKEND USABILITY



- **A fresh look for the page module.** Simplified and optimized for readability module. Subtle improvements with significant impact.
- **Filelist view improvements.** File management easier than ever. Create the custom user experience you need with s new tiled asset view and several more options for customizing asset handling look-and-feel.

- Dashboard
- Web
- Page
- View
- List
- Forms
- Workspaces
- Info
- Check links
- Indexing
- Recycler
- File
- Filelist**
- Site Management
- Admin Tools
- System

Enter search term

- fileadmin
 - form_definitions
 - introduction
 - audio
 - form
 - icons
 - images
 - backendlayouts
 - background
 - customizing
 - streets**
 - unsplash
 - youtube
 - Temporary files (_temp_)
 - user_upload







- Up one level
- Upload Files
- Create Folder
- Create File

fileadmin/introduction/images/ streets 6 files, 1.25 MB

- View
- Share

streets

Enter search term

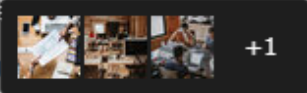
 <p>richard-nolan-157476.jpg 24-04-23</p>	 <p>adrian-207619.jpg 24-04-23</p>	 <p>kimon-maritz-193428.jpg 24-04-23</p>	 <p>nikita-maru-70928.jpg 24-04-23</p>
 <p>felix-russell-saw-182331.... 24-04-23</p>	 <p>geran-de-klerk-136351.jpg 24-04-23</p>		

Tiles view in the Filelist module

- Dashboard
- Web
- Page
- View
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- Workspaces
- Info
- Check links
- Indexing
- Recycler
- File
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- Site Management
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- System

Enter search term

- fileadmin
 - form_definitions
 - introduction
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- Up one level
- Upload Files
- Create Folder
- Create File

fileadmin/introduction/images/ **unsplash** 5 files, 1.18 MB

- Refresh
- View
- Share

unsplash

Enter search term

- Selection:
- Edit Metadata
- Download
- Delete

- the-creative-exchange-3...
24-04-23
- rawpixel-1046262-unspla...
24-04-23
- annie-spratt-439326-uns...
24-04-23
- annie-spratt-604129-uns...
24-04-23
- chuttersnap-255216-uns...
24-04-23

Drag a file or folder to
the file tree

- Dashboard
- Web
- Page
- View
- List
- Forms
- Workspaces
- Info
- Check links
- Indexing
- Recycler
- File
- Filelist**
- Site Management
- Admin Tools
- System

Enter search term

- fileadmin
 - form_definitions
 - introduction
 - audio
 - form
 - icons
 - images
 - backendlayouts
 - background
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 - streets**
 - unsplash
 - youtube
 - Temporary files (_temp_)
 - user_upload

- Up one level
- Upload Files
- Create Folder
- Create File

fileadmin/introduction/images/ streets 6 files, 1.25 MB

- View

streets

Enter search term

<input type="checkbox"/>	Name	Control	View	Ref
<input type="checkbox"/>	richard-nolan-157476.jpg 	    	File (JPG) 207 KB RW	7
<input type="checkbox"/>	adrian-207619.jpg 	    	File (JPG) 306 KB RW	8
<input type="checkbox"/>	kimon-maritz-193428.jpg 	    	File (JPG) 190 KB RW	14
<input type="checkbox"/>	nikita-maru-70928.jpg 	    	File (JPG) 168 KB RW	19
<input type="checkbox"/>	felix-russell-saw-182331.jpg 	    	File (JPG) 164 KB RW	11
<input type="checkbox"/>	geran-de-klerk-136351.jpg 	    	File (JPG) 246 KB RW	11

- Tiles
- List
- Show thumbnails
- Show clipboard
- Select columns

Choose your view preferences in filelist

- **Improved backend search.** Find the needle in the haystack. No site is too large. See results while you type, and focus your search on page records only.

TYPO3 v12 LTS 12.4.0

Enter search term

Path: / Congratulations [1]

+ Create new record View webpage Edit page properties

Congratulations

Search

TYPO3

#content:Professional will search for all content elements containing the term "Professional"

Page (2)

- Rich Text /Congratulations/Content Examples/Text/
- Congratulations /

File Storage (1)

- fileadmin

TypoScript record (1)

- Introduction Package /Congratulations/

Page Content (16)

← 1 2 →

Rich Text Page

Show record list View webpage

Localization	Localize to	Description
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	
English	English	

TypoScript record (1) >

Title

+ New record Download Show columns

Backend search in modal window

BACKEND CUSTOMIZATION



- **List view:** Configure icon visibility to show only necessary actions.
- **New Admin Panel options:** View all records of a page, and open a page right in the backend.
- **New Filemounts view** in System > Backend Users. See all available filemounts. Easier backend permissions management.
- **Configurable retention time for deleted records.** Control over what is retained (and how long), and what is deleted forever.



Dashboard

Web

File

Site Management

Admin Tools

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Access

Backend Users

Reactions

Webhooks

Scheduler

Reports

Log

DB Check

Configuration

Filemounts

+ Create new filemount

Filemounts

Label	Description	File Storage (Uid)	Entry point	Read-only
Downloads		fileadmin [1]	fileadmin/introduction/downloads/	
Images		fileadmin [1]	fileadmin/introduction/images/	
Icons		fileadmin [1]	fileadmin/introduction/icons/	✓
3 filemounts				

List of available
filemounts

- **Improved Page TScnfig module**, new look-and-feel, now located alongside the new TypoScript module in the backend.
- **CKEditor upgraded to v5**. Rich editing becomes even richer. CKEditor no longer needs iframes.
- **Per-page TypoScript configuration**. Override all fluid templates rendered by backend controllers with your own templates on a per-file basis.

- Dashboard
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- Page TScnfig
- TypoScript
- Admin Tools
- System

Enter search term

TYPO3 v12 - FREEZE

- example.com
 - Page A
 - Page B
 - Page C

TYPO3 v12 - FREEZE

Please select a page in the page tree to edit page content.



New location of backend modules

- Dashboard
- Web
- File
- Site Management
- Sites
- Redirects
- Page TScnfig
- TypoScript
- Admin Tools
- System

- Included Page TScnfig
- Page TScnfig Records
- Active Page TScnfig
- Included Page TScnfig

Included Page TScnfig

Overview of the included TypoScript and include order for the current page.

Page TScnfig

Configuration	
pagesTsConfig-package-core	TScnfig {}
pagesTsConfig-package-frontend	TScnfig {}
pagesTsConfig-package-filelist	TScnfig {}
pagesTsConfig-package-form	TScnfig {}
pagesTsConfig-package-info	TScnfig {}
pagesTsConfig-package-linkvalidator	TScnfig {}
pagesTsConfig-package-indexed_search	TScnfig {}
pagesTsConfig-package-backend	TScnfig {}
pagesTsConfig-package-felogin	TScnfig {}
pagesTsConfig-package-seo	TScnfig {}
pagesTsConfig-package-viewpage	TScnfig {}
pagesTsConfig-package-workspaces	TScnfig {}

- **New ViewHelper & TypoScript possibilities.** Trim strings with the new TrimViewHelper, use new options for initializing content in the HtmlViewHelper, and pass files via the new "accept" argument to the UploadViewHelper.
- **More freedom for writing TypoScript.** The TypoScript parser is more performant and removes several restrictions. Enjoy more options for writing comments, place @import statements inside a condition, nest conditions from different files, or place <INCLUDE_TYPOSCRIPT: tokens in arbitrary order.

TRANSLATION AND LOCALIZATION



- **Define multiple-language translation “fallback chains”** for your site content. If a translation is missing, the system uses the next available translation from the fallback chain, rather than directly reverting to the default language.
- **Add a new language in just five steps.** Create a new language by filling out five fields instead of eleven. No more redundancy.

PROGRAMMING AND API

EASIER, MORE PERFORMANT,
MORE CAPABLE.



- **Enhanced backend module API** for ease of use, better performance, and more capabilities.
- **PSR-14 Events:** TYPO3 Core finally replaces the signal-and-slots solution of earlier versions entirely.
- **Better pagination API.** The new sliding window pagination shows only relevant pages: the neighboring pages, and the first and last pages.
- **Goodbye to Magic Methods.** A new set of non-magic methods in TYPO3 v12 LTS provides the same functionality without the drawbacks.



***MANY MORE NEW
AND EXCITING FEATURES
ARE WAITING FOR YOU!***

SIX. FULL. YEARS. 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 v12 LTS available until 30 April 2029.



***UPGRADE TO
TYPO3 V12 LTS TODAY!***

Explore all new features and let us know what you think.



GET.TYP03.ORG