

Team Reports 2020

[Academic Committee](#)

[Accessibility Team](#)

[What we accomplished in 2020](#)

[Accessibility Roadmap](#)

[Community Expansion Committee](#)

[The establishment of the 1st African national TYPO3 community](#)

[TYPO3 International Mentorship program](#)

[The organization of the TYPO3 International Meetup Days](#)

[Presentations of TYPO3 to communities, agencies and IT associations around the world](#)

[Content Group](#)

[The Content Group Helps Communication Happen](#)

[The Content Group's Workflow and Pipeline](#)

[Core Team](#)

[Demo Project Team](#)

[Design Team](#)

[Documentation Team](#)

[Education Committee](#)

[CertiFUNcation 2020](#)

[Online event to replace certification renewals at CertiFUNcation](#)

[Online certification](#)

[TYPO3 certifications: Adaptations for TYPO3 10LTS](#)

[Live certifications](#)

[Budget](#)

[Goals for 2021](#)

[CertiFUNcation 2021](#)

[TYPO3 certifications: Adaptations for TYPO3 11LTS](#)

[Micro-Certifications](#)

[Organisation](#)

[Localization Team](#)

[2020](#)

[2021](#)

[Marketing Team](#)

[1. Comparison Cards](#)

[2. Storyline for TYPO3 v11](#)

[Story](#)

[The story behind v11](#)

[Minor releases](#)

[3. TYPO3 CMS Use Cases & Solution Area Value Cases](#)

[4. TYPO3 v11 release communication](#)

[Security Team](#)

[Budget report](#)

[Outlook](#)

[Server Team](#)

[typo3.org Team](#)

[Team Sprints / Remote Days](#)

[Projects](#)

[my.typo3.org](#)

[typo3.org](#)

[extensions.typo3.org](#)

[get.typo3.org](#)

[Outlook for 2021](#)

[Team Sprints / t3o Remote Days](#)

[Projects](#)

[voting.typo3.org](#)

[extensions.typo3.org](#)

[get.typo3.org](#)

Academic Committee

The TYPO3 Academic Committee is made up of TYPO3 Association members from universities that use TYPO3-CMS for their websites. It was founded in November 2016. The Academic Committee organizes the TYPO3 University Day, together with the host university.

2020 due to the corona pandemic the TYPO3 University Day was switched to an online event. 2020 the TYPO3 Online University Day took place from September 21-22, 2020, at an online location.

The event was organized by University of Ulm. [Event website](#).

The TYPO3 University Day 2021 will take place from September 22-23, 2021 also as an online event. All representatives of universities that use TYPO3 or are considering using TYPO3 are invited. The TYPO3 Online University Day 2021 will be organized by the University of Weimar and with help of the University of Ulm. More information will be linked [here](#) soon.

The Academic Committee conducted a survey among the editors of the affiliated universities about the TYPO3 backend and generated a TYPO3 Core Wishlist from the suggestions, which was handed over to the Core Team.

Accessibility Team

What we accomplished in 2020

1) Regular Accessibility Hours: each 3rd Friday of the month at 2pm CET

Every month we are meeting in our slack channel #accessibility where we organize the accessibility hour. It is an open event and everybody is welcomed to join. The accessibility hours is for discussing accessibility topics and ongoing and planned work for accessibility in TYPO3. For new participants we give a little introduction how to get involved with TYPO3 and accessibility:

- [Contribution guidelines](#)
- [Accessibility issues on forge](#)
- [Accessibility issues to be reviewed](#)

2) Collaboration with other Teams

In the last year we collaborated mainly with the Structured Content Initiative (SCI) with the goal to build better accessible backend components.

As a start for collaboration we gave an introduction on “How to include accessibility from the start?” when building new components or introducing new interactive components in TYPO3. This introduction has been documented and serves as a basis for future collaboration with other teams and developers.

How to include accessibility from the start?

Making an universal design (including all users) also means it is accessible - it's a design for everyone.

Suggestion: focus on universal design first, and later add more specific variants for specific use cases (=progressive enhancement).

What to think of when developing a new interface with universal design?

- Can I use it with a keyboard only? (motor impaired users, fast editors)
- Do the colors have sufficient color contrast? (all users, users with visual impairments)
- Do the colors also work in grayscale mode? (users with visual impairments)
- Each active element should have a visible focus style (color contrast 3:1) (users with visual or cognitive impairments)
- Does the interface look good when you zoom in to 200% (= mobile view)? (users with visual impairments)
- Is the interface self-explaining and easy to understand? (all users, especially with cognitive impairments)
- Are interactive areas like buttons big enough? (all users, especially mobile users and users with motor impairments)

Together with the SCI we had multiple evaluations and discussions on how to make new components for the TYPO3 backend accessible.

3) Accessibility Sprint 2020

In total, 29 individual people from four different countries in two continents contributed their knowledge and time during these three days for a more inclusive TYPO3.

The first remote accessibility sprint took place from 21st to 23rd of October 2020 and it was successful indeed. During these three productive days we focused on knowledge sharing, addressing open issues, and creating a practical checklist for developers. An accessible TYPO3 improves the experience of every user of TYPO3.

It was the first sprint organized by the new Accessibility Team, and we were truly overwhelmed by many things, in the best positive way. On the first day, we had 24 eager participants ready to start on the dot of 9:00am. After a motivating speech from Benni Mack, groups were formed for discussion, knowledge sharing, and practical hands-on work. Prior to the sprint, an accessibility audit helped us compile a list of 76 accessibility-related issues in the TYPO3 backend. From this list, 47 issues have been actioned - which is awesome! In total 54 merge requests have been created, 27 of them are already merged into Core, 6 are in the review process and 21 are pending due to merge conflicts. 11 of the merged contributions are backported to TYPO3 v10. This means that a lot of barriers have been removed in TYPO3 thanks to the combined developer and accessibility power of all participants.

An important and memorable part of the sprint was an interactive live screen reader demonstration from our friend Aleksander, who is using assistive technologies in his daily life because he is blind. He showed us how he would create a new page and a new content element in TYPO3. This was an immersive and sobering demonstration that tasks which seem simple for sighted users, require much more effort and guidance for a blind user to perform. Aleksander: "At the moment there are many occasions where I get lost. In those cases I usually refer to sighted help from another person".

Participants

In total, 29 individual people from four different countries in two continents contributed their knowledge and time during these three days for a more inclusive TYPO3! The participants had a variety of backgrounds including accessibility, frontend development and backend development. The Accessibility Team wants to thank all participants for their amazing contributions. This combined strength showed that accessibility is an important topic and a lot of people are willing to help make TYPO3 accessible for everyone.

The enthusiasm during the sprint was also evident at the conclusion, when we were asked by the participants when the next sprint will take place.

"For me it was a very nice introduction to the TYPO3 community and ecosystem, and an entry point for contributing. I will definitely take part in the next Accessibility Hour and I'm looking forward to the next sprint. Seeing how difficult it is to work with TYPO3 for a blind person right now was very inspiring, and I hope more developers will be aware of that in the future."—*Matthias Weber*

"I enjoyed the sprint a lot! I gave a talk in my company and now my colleagues' awareness is raised! I'd definitely take part again!"—*Thorsten Griebenow*

“I enjoyed the sprint and would participate again in half a year. I would love to see if we all could finish the work we have begun.”—*Martin Kutschker*

“It was a great experience for us and our contributing team and the atmosphere as also helpfulness of the community was pretty nice. We are excited that accessibility grows in importance for the TYPO3 backend, and also that people are inspired to work together to make TYPO3 accessible for everybody. It was especially great that a lot of the tasks could be done directly in the sprint.”—*Alexander Hofer*

Result of the Sprint

It was a very productive sprint. With the combined help of Core contributors supporting us, it was a smooth exchange of knowledge throughout the sprint. We were able to successfully merge accessibility improvements into the TYPO3 Core during the sprint.

Achievements so far

- Create a draft accessibility checklist and guidelines for TYPO3 developers ● 47 issues from the Accessibility Audit have been addressed and merged into Core, or are in the review process. You can view contributions for accessibility (starting from the first day of the sprint up to the present) in the Gerrit Review system—assigned with the topic a11y
- Accessibility knowledge was spread throughout the sprint to improve the understanding for every participant
- We had many first-time TYPO3 contributors during the sprint who learned how to contribute to TYPO3

Accessibility Roadmap

Short term = June 2021

Mid term = TYPO3 11 LTS (Feature Freeze September 2021)

Long term = TYPO3 12 LTS (Feature Freeze December 2022)

- Review and merge done work from a11y sprint into core - short term
- Finishing the draft for the accessibility checklist for developers and publish it - short term
- Accessibility Webinars on a regular basis
 - For Editors
 - For Developers
 - For Marketing
- Active accessibility support for extension developers - short term
- Talks and awareness raising at TYPO3 events - mid term
- Accessible frontend template bootstrap_package, fluid_styled_content, forms - mid term
 - Audit of frontend templates
 - Help with development
- Suggestion for accessible navigation in TYPO3 CMS (access keys, search, focus management, ...) - mid term
- Accessible new page module (structured content team) - mid term
 - Support with development
 - Reviews

- Audit of TYPO3 CMS (User settings, list module, new modules) - mid term
- 3 days Accessibility Sprint (with content structure team?) - mid term
- Automated accessibility tests for core development - long term
- CMS Audit ATAG 2.0 AA - long term
- ATAG compliant CMS - long term

Community Expansion Committee

The establishment of the 1st African national TYPO3 community

February 2020:

The committee helped the creation of the 1st TYPO3 national community in Africa and assisted the organization of the 1st TYPO3 public meetup in Africa, in Kigali, Rwanda. The TYPO3 meetup was organized on 21st of February together with RISA (the Rwandan Information Society Authority) and the local web agencies Awesomity and Evolve. The event has gathered a relevant audience from the local web development community and even had international visitors from the neighboring country of Uganda.

The event was facilitated on the ground in Kigali by Daniel Homorodean and Tymoteusz Motilewsky.

A dedicated facebook group was created

<https://www.facebook.com/groups/1531496047005984/> which also reflects the February meetup. Further plans were made for followup meetups, but were cancelled due to the pandemic.

In February and March the committee made preparations for the presentation of TYPO3 at two relevant conferences in Africa: the CMS Africa Summit and the Transform Africa Summit. Both were unfortunately canceled.

TYPO3 International Mentorship program

In April 2020, the committee started developing the plan for the TYPO3 International Mentorship program, which aims to help open source web developers to start learning TYPO3, targeting countries where TYPO3 is not yet present or is still very weak.

The program was established during the summer, having all the logistics developed, including the curriculum, the assessment and evaluation procedures, the agreements for the mentors and the mentees. The call for mentors and the identification of the mentees led to interviews being done by the committee and the mentor-mentees pairs being defined.

During the Autumn and Winter of 2020, until the beginning of 2021, 6 mentees went through the program. They are from Chile, Cuba, Zimbabwe, Rwanda and Benin.

The results encourages us to continue the program with a new edition in 2021.

Learning from the 1st edition, we will aim to ensure a followup for the mentees, through an internship program and through an ongoing long term support, in synergy with the CoCoMon Rookies support program.

The TYPO3 Mentorship Program committee of the 2020 edition was formed by the following committee members, with their respective roles:

Daniel Homorodean, Romania - Management, promotion, and engagement

Tymoteusz Motylewski, Poland - Technical coordination, curriculum, and onboarding process

Mathias Bolt Lesniak, Norway - Mentor and mentee assessment and program reporting

Alina Fleşer, Romania - Technical content and mentor onboarding

Olivier Dobberkau, Germany - Organizational support

Rachel Foucard, France - Engage French community

The program benefited of the direct support, through sponsorship, from:

jweiland.net

SkillDisplay

Arxia

Macopedia

Pixelant

dkd Internet Service

The active mentors in the 1st edition were

Anja Leichsenring, Germany

Alina Fleşer-Miclăuş, Romania

Florian Rival, France

Oskar Dydo, Poland

All details can be found on <https://typo3.org/community/contribute/mentorship>

We have two main goals for 2021:

- To extend the mentorship program in more countries, with more mentees and more mentors.
- To provide a chance of continuity for our mentees, to give them a chance to become TYPO3 integrators and developers and earn their living by working with TYPO3.

We will need the help of the TYPO3 agencies, members of the Association, to achieve this, with more mentors (or sponsorship to support more mentors) and internship opportunities.

The organization of the TYPO3 International Meetup Days

With the in-person TYPO3 Conference and all the other events being canceled, we have identified the possibility to develop a new concept of an event that would be fully online and would give us the chance to transform the challenge into an opportunity that would allow more people from all over the world to participate.

The TYPO3 International Meetup Days concept was born during the Summer of 2020, it was intensely debated in our committee and together with the TYPO3 Association Marketing

Team, and has developed into a full concept for the pilot edition that took place in 16th of December 2020.

The preparation phase was intense, involving a dedicated Content Committee that has identified the topics, developed the concept for each time slot, the agenda and the profiling of the potential presenters and panelists, then identified and invited the speakers.

The promotion has engaged the entire world, with active direct engagement with the IT communities from many countries on all continents and with the focused effort to identify TYPO3 users (agencies and freelancers) from every country, an effort which led to bringing closer to the community people and agencies which are working with TYPO3 in non-European countries and to raise the interest for TYPO3 to many others.

The T3IMD day of 16 December was a marathon, of 16 hours filled with interactive panels, presentations, speed-networking and social engagement.

T3IMD had participants from 43 countries, thus making it probably the most internationally diverse TYPO3 event so far. The panelists and presenters came from 18 countries.

Google and Dropbox have been present as well, delivering presentations and contributing in the panels.

The presentation of the event, the agenda, the speakers, the sponsors can be seen on <https://t3imd20.typo3.com/> and the presentations & panels are recorded and available on the TYPO3 Youtube channel.

The event was sponsored by the TYPO3 Association, Arxia, Toujou, Macopedia, Sitegeist, DKD, Earlybird, Beech and FNX Group

On the organization side, the event was coordinated by Daniel Homorodean & Olivier Dobberkau and supported by a team from the TYPO3 Association and from the sponsors Arxia and Toujou.

We have plans for future editions in 2021, with a main one scheduled for December and 1-2 half-day T3IMDs in Q2 & Q3

Presentations of TYPO3 to communities, agencies and IT associations around the world

As it was impossible to travel in person, we made the best use of the online means to contact and engage different communities, organizations and associations, and talk with them about TYPO3, organizing webinars or free discussions about TYPO3, its advantages and the mentorship program.

Among the engaged associations and communities are the national IT associations of Chile (Chiletec), Argentina (CESSI), Costa Rica (CAMTIC), Uruguay (CUTI), the Open Source Community Africa (OSCAfrica). We had additional engagements with IT companies or institutions from: South Africa, Angola, Uganda, Kenya, Ethiopia, Benin, Cote d'Ivoire, Cuba. These engagements helped the identification of relevant mentees for the mentorship program, attracted participants in the T3IMD program and provided the experience to expand the promotion and presentation activities further in 2021, in synergy with the CoCoMon project group "On-stage and in-person"

Content Group

More than 50 people contributed to the TYPO3 Association's content and marketing in 2020. More content is being published, but the Covid-19 pandemic has greatly reduced the contribution to the core Content Group services, copyediting, proofreading, and publishing. We hope contribution will increase in 2021.

- Articles posted: 76
- Members Newsletter issues: 11
- CMS Insights issues: 12

Where community contribution was missing, work has been completed professionally by Open Strategy Partners (OSP) as a part of the TYPO3 Association's retainer agreement for communication and community enablement work. As in previous years, the content production pipeline is co-managed by OSP, improving stability and predictability.

The Content Group Helps Communication Happen

The Content Group is largely a service provider to the TYPO3 Association, teams, and community. We help produce and publish quality content. The content is mainly published on typo3.org, but also at typo3.com and elsewhere. Every article published at typo3.org should (as an absolute minimum) have been proofread.

The Content Group's Workflow and Pipeline

<https://trello.com/b/QrnBfQyK/typo3-content-this-is-a-public-board>

Core Team

In the past 12 months the Core Development has taken a focus on fixing existing bugs, in addition to preparing our third-party components such as Twitter Bootstrap and Doctrine DBAL. The framework mergers and component mergers have been added over 1400 commits in the past 12 months. It is still an enormous task to fix over currently 2000 bugs while focussing on stability whilst also improving the User Interface undergoing major rewrites in a timely fashion and adding more tests to increase stability. Tremendous efforts in terms of stability have been made around the Data Handling relating to Workspaces and the Authentication Framework for TYPO3 v11.

Along with the code development, the testing infrastructure is coordinated to be migrated to a GitLab-CI based infrastructure in cooperation with the Server Team in April / May 2021.

Core Team now has a non-technical support by TYPO3 GmbH in form of Volker Graubaum, who built a theme-based roadmap around our strategic developments

The Core Development Budget has been used primarily to work on larger code migrations such as Extbase, Twitter Bootstrap Update, security-related features e.g. Multi-Factor Authentication, ongoing efforts in the Filelist module and the Import/Export module, as well as supporting the maintainers of our code dependencies.

In the future, the budget will also be used to implement major improvements on the Theme-based roadmap, as well as a continuous flow in fixing outstanding bugs as the major driver. We are also seeking for developers with Core-knowledge who can be sponsored with the Core Development Budget on a continuous basis.

Demo Project Team

2020

- Founding of the official TYPO3 Demo Project Team with four members
- Start of the project with concept, design and implementation in the fall
- Go-Live of the Demo website in December
- Publishing of a news post announcing and explaining the website on typo3.org in December
- Minor bug fixes after Go-Live
- Feedback has been very positive so far

2021

- Team has grown to five members
- Setup of monthly team meetings
- Integration of EXT:form to the project
- Implementation of structured data

Planned activities

- Integration of Hebrew as a new translation
- Upgrade to TYPO3 v11 after LTS release
- Possibly: Integration of a search

Design Team

The TYPO3 design team has 7 stable members in 2020/2021:

1. Riona Kuthe
2. Frank Schubert
3. Jan-Michael Löw
4. Philipp Randt
5. Markus Schwarz
6. Volker Neuenhaus
7. Fabian Stein

We are very happy in the team about this solid core and the great and reliable cooperation, but of course we would also be happy about support and letting the team grow further.

In January 2020 we had our sprint in Düsseldorf, short before Corona hit Germany, in which many things were clarified with the GmbH.

The main topics here were responsibilities and communication channels, as well as coordination of colors and their use.

Due to Corona the sprints in the summer were cancelled and it took us a little while to get used to the new form of cooperation.

When we realized that we couldn't wait until Corona has been defeated, for the next sprint to go down and the other measures that we needed to address, we switched to shorter online afternoons and continued to upgrade the Monthly.

The Design-Team Monthly is now held on every third Friday of the month at 12:00 on <https://meet.punkt.de/typo3designteam> in an open jitsi.

Everyone is invited to join and listen in, ask questions or make requests.

It's great for us that Markus Schwarz, an employee of TYPO3 GmbH, joins our regular meetings.

Apart from the personally great cooperation, it is very helpful for us to see the area of conflict between community design specifications and everyday business and to be able to respond to it directly.

This way we hope to be able to identify and resolve many disagreements at an early stage. In this context, the most important project at the moment is the development of an online style guide to make the many hidden rules in the TYPO3 universe more visible.

The current status can be found here:

<https://styleguide.typo3.com/>

The second major project the design team is working on, is the development of a TYPO3 stock photo pool which can be used for marketing purposes in the future. In light of this the first meetings will take place in Q2. what possibilities to create this stock exist already in 2021 without the presence events.

We are quite optimistic about the future of the design team. If the members want to support us, we would of course appreciate it if designers, FE developers or somebody who is interested get the time off during the workday to support the design team accordingly.

Documentation Team

2020 had a great start: Benjamin Kott came up with a beautiful, highly functionable and independent Sphinx-TYPO3-Theme for documentation. It got built into the Docker Rendering Container (DRC) and was deployed to the documentation server. The feedback - up to now - is very positive.

What followed was a period until midsummer where our team mostly worked individually, caring about content and user communication, about collaboration with other teams and about the further development of the theme and the DRC. Improvements weren't "smashing", but steady and noticeable: The "intrapage menu" came back, and each page got a "Last modified" info generated from the corresponding commit and things were just working.

Regarding team size we were down to two (Daniel Siepmann, Martin Bless), since Sybille Peters had decided to not be an official team member any more.

September was remarkable: We had identified 125 email addresses of contributors to the GitHub TYPO3 documentation. We sent them an email worth 50,- Euros as "Acknowledgement" for their (even tiny) contribution. They were located all around the world. About half of them registered at the reimbursement tool and received the money. This had a noticeable effect: We saw several appearing in Slack and in GitHub contributions.

All of a sudden many people with a lot of ideas appeared and there was much activity in the last three months of 2020. A long "T3Docs Vision 2021" item list was compiled and in the end several persons handed in several budget applications for some of those ideas.

The very positive development continued in 2021: Team size is now up to six(!). As there are: Alexander Nitsche, Daniel Siepmann, Felicity Brand, Lina Wolf, Martin Bless, Susanne Moog.

The team is in a good mood and it's meeting regularly in a public Slack call each third Friday of the month. Guests are always welcome, and indeed, they have joined. The public minutes of the meetings can be found at <https://notes.typo3.org/T3DocTeamMeeting>. Some more ad-hoc and public Slack calls took place, some for discussion, some for "show and tell".

Several standalone subprojects were spawned and have their own budget. The interconnection, however, is strong and a lot of communication between projects took place. This was true especially in the beginning of 2021. Some projects made vast progress already or are - almost - done, like Automated Screenshots, Wiki Migration and Global Search.

Most communication is done in public Slack channels: #typo3-documentation, #t3docs-sig-screenshots, #t3docs-sig-microcopy, #t3docs-sig-search #t3docs-sig-wiki-migration. When extra repositories were needed, they went to github.com/TYPO3-Documentation.

Since the beginning of the year the team has brought into life the "T3Sweeping Week" initiative. Lina has committed herself to that task for this year. Each last week of the month she cares about all those "difficult to solve" issues and Pull Requests that would otherwise pile up. This had brought down the number of open tickets significantly. This is important to counteract against a possible feeling that it's useless to report problems if they don't get fixed anyways.

A new Slack channel #typo3-docs-review was created and it is linked to GitHub. Activity about issues and pull requests is showing up there. This helped immensely to draw interest in dealing with open issues.

Much of the success of TYPO3 Documentation can be attributed to the very good Sphinx-TYPO3-Theme and the Rendering-Docker-Container (DRC) that does the heavy work of rendering the manuals. That is, it does what's needed to transform documentation from reStructuredText source to HTML output. In this quarter we had releases from v4.4.2 up to v4.5.2 of the theme and v2.7.2 up to v2.8.3 of the container.

Some remarkable improvements are: The DRC can now render GraphViz and PlantUML diagrams directly from textual source definition, it can launch parallel processes and thus work faster, and, latest improvements: it can be run as a HTTP server which very quickly can render the latest changes in a file. As a result, one can set up a local "render while you type" solution with very little delay.

Additional work has gone into the Rendering Container Documentation, which is about the DRC itself. It is still in draft state but can be expected to be finished soon. The "What's New?" chapter in there explains what has been achieved.

Education Committee

The year 2020 has also had a clear impact on the Education Committee and has overturned plans.

CertiFUNcation 2020

The Corona crisis hit us in the middle of the planning for this event and unfortunately at an inopportune time. Relatively shortly after signing the contract with the venue, Covid-19 also reached Germany and caused the first lockdown. In consultation with the Association Board, we decided to cancel CertiFUNcation 2020 at an early stage and to reverse the bookings that had been manageable until then.

Therefore, CertiFUNcation 2020 resulted in a loss for the first time in the history of this event. However, by positioning ourselves clearly and early on to cancel the event, we were able to create planning security for the participants and for us as organisers. The early timing of the cancellation was largely well received. The TYPO3 Association and the Education Committee has gained trust with the clear decision "Safety first" and have signalled that safety and the common good come before profit.

Online event to replace certification renewals at CertiFUNcation

CertiFUNcation was used by many participants to extend an existing certification by 12 months. As this is only possible for certifications valid at the deadline according to the

regulations of the Education Committee, this posed a problem for people whose certification was not valid for more than 12 months. We therefore decided to offer an online event in which the content planned for the CertiFUNcation as mandatory talks was conveyed and the participants of this event were offered a corresponding extension of the existing certification.

This was accepted in large numbers; unfortunately also by many people whose certification status was not legitimised for an extension. As a result, a time-consuming manual check and communication with the participants as well as a time-consuming coordination with TYPO3 GmbH became necessary for all participants. Unfortunately, some participants had to be denied the requested certifications and in some cases the fees were also reversed. All in all, this process was much more time-consuming than planned.

For this year, there are considerations to offer a corresponding online event again. For this purpose, evaluations are currently underway to determine how many participants would actually be legitimised to carry out an extension this year. The final decision on the implementation depends on the result of this research and is still pending. If the Education Committee decides to hold this replacement event this year, we will announce it in good time.

Online certification

The Education Committee has been considering the requirements and planning of online certification for some time.

The focus was on easy accessibility (independent of time and place) and the security of the exam. We wanted to avoid at all costs that the exam could be taken by third parties and thus compromise the certificate and its quality.

We succeeded in this by cooperating with a proctoring partner. The proctoring partner monitors each examination via a webcam and ensures both the identification of the candidate and the proper execution of the examination. If irregularities occur during the examination, this is reported to the Education Committee and examined by us on a case-by-case basis. Only if the examination itself was successfully taken and the proctoring did not reveal any suspicious cases, the examination is considered to be passed. We hope that this solution will lead to the high level of acceptance of TYPO3 certifications among employers and in job advertisements that we are already familiar with from the live certifications.

The Education Committee has completed the planning in the first quarter of 2020 and handed it over to TYPO3 GmbH for connection to internal systems. Once the connection has been made, the online certification can now be purchased in the TYPO3 GmbH shop and scheduled and carried out via my.typo3.org.

TYPO3 certifications: Adaptations for TYPO3 10LTS

Even before the Corona lockdown, the Education Committee had planned three big sprints with all those involved in TYPO3 certifications in order to be able to offer exams on this version soon after the release of 10LTS. Unfortunately, these sprints could no longer be carried out.

Until now, these sprints were a central part of our workflow. In the past years, we have completed valuable work in these sprints and found quick solutions, especially for cross-certificate issues.

The Education Committee started using SkillDisplay a few years ago as a platform for the internal mapping of TYPO3 certifications. For each certification, there is a SkillTree with the skills that we consider essential for the certification. This approach has great advantages: we recognise logical errors in the domains to be tested very well and can resolve them; the quality of the certifications has increased significantly since we started using SkillDisplay as a platform. The SkillTrees also provide a good resource for exam candidates to prepare for the exam.

The workflow for updating a certification is that we revise this SkillTree in a first step; in particular, outdated skills are deleted and new ones are added. This always results in overlaps and the need for coordination between the certification teams.

After consultation with TYPO3 GmbH, the syllabus for the new version is rendered and published from the revised SkillTree.

Then the certification teams go through the existing question pool, remove questions that no longer fit the skill tree, make sure that all questions and answers are still correct in the new version and, of course, create new questions for the new skills.

We had to realise that this process is much more time-consuming and exhausting for everyone involved without face-to-face meetings, so that we were unfortunately unable to keep to our ambitious schedule.

On the other hand, we have now written down the process in great detail so that it is available to all certification teams as a permanent and adaptable guideline and will hopefully contribute in the future to the process being available on several shoulders and not remaining an isolated knowledge of individuals.

The certification teams have worked hard to upgrade all certifications (TCCE, TCCI, TCCD and TCCC) to the new version 10LTS. At this point, once again an express praise and big thank you to all involved!

Live certifications

There were no more live certifications in 2020 as of March. However, as the question often arises: We plan to hold live certifications again as soon as the pandemic situation permits

and TYPO3 events take place again. The live certifications are independent of the online certification option

and we have understood that there are many participants who would rather take the exam at a TYPO3 event than online. We will continue to facilitate this in the future.

Budget

Since no on-location sprints were possible for large parts of 2020, the Education Committee did not call up a large part of the budget for 2020. The funds could therefore be used elsewhere by the TYPO3 Association.

Goals for 2021

CertiFUNcation 2021

Due to the ongoing Corona crisis, we see it as impossible to safely hold an event with several hundred participants this summer and have therefore made the decision that CertiFUNcation will not take place this year either. This year, the decision was made so early that no planning or contractual commitments were made and therefore no costs were incurred.

TYPO3 certifications: Adaptations for TYPO3 11LTS

The new TYPO3 LTS version 11.5 is expected to be released on 5.10.2021. The certification teams are keeping a close eye on the new versions and are preparing to update the certification exams.

From experience we can say that final work on the SkillTrees can only be carried out around the release date. Often it is only then that it is clear which important features will actually be included in the LTS version and which will not.

Depending on the further progress of the 11.x versions, a binding date for the completion of the update of the certifications is therefore difficult. For the aforementioned reasons, it is certainly also dependent on whether sprints with several people will hopefully be possible again by then.

However, the Education Committee is aiming for a publication date of the certification approx. 3 months after the LTS release. This gives participants the opportunity to become familiar with the new version and ensures that the certification is based on the current LTS version.

However, the certification is still independent of the version that was tested and is always valid for 2 years, with the option of a one-time extension for 12 months.

Micro-Certifications

The budget idea for micro-certifications was accepted and the requested budget partially approved. This idea is about being able to offer newcomers a quick success and motivation for further involvement with TYPO3. Within the scope of this project, we are looking for sub-areas of skills and ways to make them available in a low-threshold way as a reward system for newcomers to TYPO3. The project will be carried out in coordination with TYPO3 GmbH.

One challenge with the micro-certifications is to maintain the high quality and standard of the TYPO3 certifications, which have a high reputation, especially in the context of tenders, and should of course retain this.

We will present our results from this R&D project to the TYPO3 Association and decide together whether this path should be pursued further.

Organisation

The Education Committee has decided to elect the Lead and Co-Lead of the Education Committee annually. The election will take place in the third quarter of each year and all members of the Education Committee are eligible to vote.

The integration of Crowdin increases the user base by providing TYPO3 in the native language of admins, editors and users.

Improving the integration allows better controls and even better translations.

Localization Team

2020

In 2020 TYPO3 switched from a self-hosted Pootle instance to the SaaS solution Crowdin to handle localizations in the ecosystem of TYPO3. The main benefits are:

- Having a better UI and login, it is far easier for new people to provide translations
- Translations can be already provided as soon as the original language files are changed in git (after merged in gerrit). This means that with a release the translations can already be done. With Pootle the translation process could only start after a release.
- The support team of Crowdin is really fast and helpful.
- Backport to TYPO3 9.5 to have Crowdin support behind a feature flag.
- A combined translation memory over all TYPO3 projects allows very fast translations.

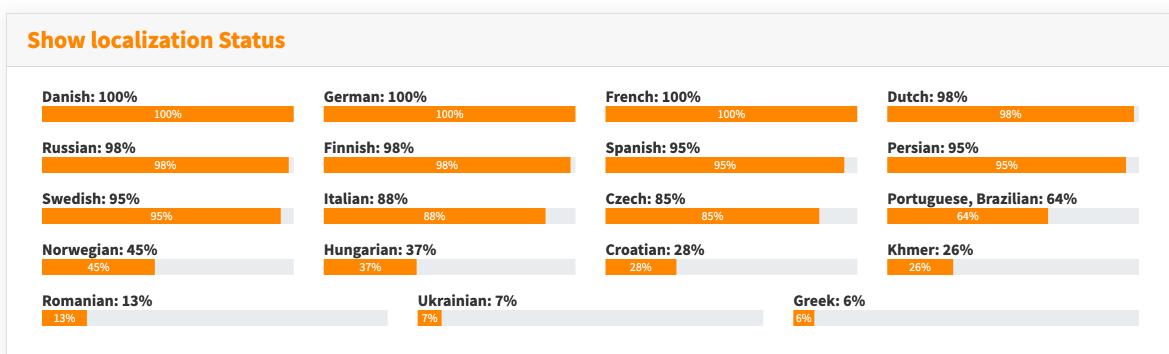
See the screenshot `crowdin_recent-notifications.png` which shows recent activities

Recent Notifications

- 🚩 **TYPO3 Extension plain_faq** project: proofreading for Danish language is completed
- 🚩 **TYPO3 Extension plain_faq** project: translation for Danish language is completed
- 🚩 **TYPO3 Extension plain_faq** project: proofreading for German language is completed
- 🚩 **TYPO3 Extension plain_faq** project: translation for German language is completed
- ☰+ **33 strings** were added to the project **TYPO3 Extension plain_faq**
- 🚩 **TYPO3 CMS** project: proofreading for Danish language is completed
- 🚩 **TYPO3 CMS** project: translation for Danish language is completed

The URL <https://localize.typo3.org/xliff/status.html> shows the status of all extensions/core and how good the translations are.

The extension listing on extensions.typo3.org shows also the status of translations, see screenshot `crowdin_ter.png`. (<https://extensions.typo3.org/extension/news>)



2021

In 2021 it is planned to further improve the integration of Crowdin:

- Switching to the Enterprise version of Crowdin (which is free for open source projects) allows an improved user management and permission handling. This would be especially helpful for translators and proofreaders
- Improved integration for T30: Currently an extension author needs to contact the team to create the new project. As sometimes this takes time to react, an automated workflow would simplify the setup for extension authors

Additional tasks:

- Improve documentation
- Validate xliif files with a linter)
- Support community via Slack, Twitter and other Social Networks

Marketing Team

Even though we are only 6 regularly attending, we are working together really well and are able to make quick decisions. We finally got our Jira board back, which enables us to track and trace all open tasks.

However, we have unfortunately experienced quite a few shifts in the team structure during the last year, with several people joining, taking over tasks and then leaving again. This made it pretty hard to actually get tasks completed, for example the Google Analytics Dashboard for typo3.org.

But besides all the troubles, we were able to make the best out of the current situation. The shift of all marketing sprints to online enabled a lot of people from overseas to join our sprints and contribute, which wouldn't have been possible otherwise. During our three 2020 online sprints, we had a lot of people jumping in from Egypt, Canada, the US and India, who gave us really valuable insights into local markets. Especially Paul Hansen's efforts in the US market are outstanding.

Onto the actual tasks, which have been completed during 2020 / 2021 so far:

1. Comparison Cards

As you might have seen, we've just released the first version of the TYPO3 Comparison Cards. The marketing team has been working on creating those since summer of 2020 and we are really proud of finally releasing version 1.

2. Storyline for TYPO3 v11

Before the first release of TYPO3 v11.0, the marketing team came up with the overall storyline, the minor version themes and taglines as well as with sketches for the minor and

the final major release images. This was done in close collaboration with Benni. Quick overview:

Story

With TYPO3 v11, we aim to achieve the following high-level goals:

- Quick and straightforward upgrade path from TYPO3 v9 and TYPO3 v10 installations
- Improved experience for editors and administrators
- Focus on accessibility for TYPO3 Backend
- Streamlined authentication

The story behind v11

Our main goal is to make more people jump onto TYPO3; especially by making it more appealing and available for everyone. Therefore, you could say our goal is to reach new galaxies and go outside our own realm. Since we've already used the rocket for the initial announcement, we would love to stick to the „outer space theme“.

A nice kickoff would be something like „We've heard your calls and now we're on our way“. Concerning the fact that we listened to what people had to say and what they were wishing for and are now creating a TYPO3 version for the people.

Minor releases

v11.0 – Ready for liftoff (Rocket in launch pad)

v11.1 – Shields up (Inside the rocket; safety measures)

v11.2 – Leaving earth orbit

v11.3 – Outside the milkyway

v11.4 – We've made contact / Into new galaxies

v11.5 – Live long and prosper (or some kind of variation of that)“

3. TYPO3 CMS Use Cases & Solution Area Value Cases

During the first sprint of 2021, we focussed on creating 41 polished solution area value cases. These are linked to the (relatively newly) published theme-based roadmap. Instead of marketing TYPO3's features, we want to lay more focus on solution areas and the communication on which problems can be solved when choosing TYPO3. If you would like to take a look at the document, please do so:

https://docs.google.com/document/d/1_b6_LI4rxFHkiJNplSc3tKftfhtOLTsmkh4HKJENGwvY/edit?usp=sharing

The cases created are going to be used on typo3.com for the future product communication and will be re-used for other marketing posts eventually.

4. TYPO3 v11 release communication

For the final LTS release of version 11, the marketing team has already created an overview over all communication assets needed, which can be found here:

https://docs.google.com/spreadsheets/d/1MkbGeiY_OYj21X4ySDU-Txpitxl68q74upc4nW_eqyg/edit?usp=sharing

For Q2 and Q3 of this year, we are going to focus on creating those assets for the release in October. The next marketing team sprint in June is going to be dedicated to this topic.

Security Team

The security team has six active members taking care of triaging and dispatching incoming security reports - the average response time for new reports is within 3-4 hours. Usually, the team is just advising and supporting other T3A teams as well as extension maintainers on potential

vulnerabilities and how to get them fixed. However, in some occasions team members had to take additional actions actively fixing security vulnerabilities, due to the absence of maintainers taking corresponding responsibility.

The following summary shows an extract of what has been achieved and established in 2020:

- coordinated and fixed a total of 45 security incidents
 - 12 related to TYPO3 CMS (severities: 2 low, 4 medium, 6 high)
 - 20 related to extensions (severities: 10 medium, 7 high, 3 critical)
 - 10 related to typo3.com & typo3.org infrastructure (severities: 7 low, 2 medium, 1 high)
 - 3 public service advisories and one exceptional handling for a critical vulnerability
- analyzed and coordinated internal security and data-privacy topics
- established CVE process via GitHub (core) and Mitre (extensions)
- participated in Google CMS Security Summit in Munich in February 2020
- started "sudo_mode" extension in order to mitigate CSRF/SSRF attacks
- started initiative to reduce inline JavaScript in TYPO3 backend in order to be able to use proper Content-Security Policies some day ("XSS-free")
- kick-started structured data (JSON) representation of advisories for a to-be-built web application allowing users and researchers quick access to previous security incidents
- started SAST (static application security testing) for TYPO3 CMS (using RIPS scanner)
- started TYPO3 Bug Bounty Program, encouraging and rewarding security reporters

Budget report

#4009: Most budget was spent on extracurricular fixing reporter vulnerabilities, filling the gap of absent/inactive maintainers - in order to avoid public disclosure in case reported vulnerabilities still remained unfixed after 90 days.

#6560: RIPS Technologies (<https://www.ripstech.com/>) got acquired by SonarSource in May 2020 and are not offering new RIPS-contracts anymore. Thus, we have licenses for three TYPO3 CMS core branches, but lack additional licenses for 3rd party TYPO3 extensions. The mentioned scanner software was planned to be integrated into existing SonarSource infrastructure until end of 2020 - which unfortunately postponed further steps and actions on our side.

#6562: Albeit the TYPO3 Bug Bounty Program is in place, it has not been actively advertised or enforced on platforms like HackerOne or BugCrowd (in order to attract new researchers/reporters).

Outlook

The general focus of the TYPO3 Security Team is “prevention & detection” - which translates into “avoid security vulnerabilities before they were released to the public”.

Thus, the team is aiming to continue a properer SAST-integration and basic security scans for TYPO3-related extensions (being publically available & registered in the TYPO3 Extension Repository) and support with content-security-policy (CSP) preparation and integration for TYPO3 v11 LTS - in general, reducing the number of potential security flaws also reduces the coordination efforts on the side of the security team - and of course, it supports the community by having a more stable and secure TYPO3 setup running in production.

Server Team

Our year 2020 was characterized by further technical reorganizations. We began to migrate outdated services to our new container based platform last year and were able to complete this modernization for most services. This will simplify the individual update process for each service and also the onboarding of new team members. By now, only the old mailing lists servers do remain on the old infrastructure, as we do not migrate them anymore for technical reasons, but will replace them through new services.

As with all other aspects of our lives, the pandemic took its toll on our inner workings as well. Even though we were able to complete the first in person sprint back in March, we saw each other less than ever as we had to cancel all following sprints during the year. We held remote sprints on the remaining dates and were able to accomplish most of our work, however we look forward to meeting and working in person again.

For 2021, we plan to participate at the monthly remote day in collaboration with the typo3.org website team. Our main goal will be to replace the mailing list servers and keep all other parts of the infrastructure up to date.

typo3.org Team

Team Sprints / Remote Days

Like all of the TYPO3 teams and nearly the whole of humanity, we also faced the problem named COVID-19. Just before the nationwide lockdown in Germany started in March, we joined a Team Sprint organized by the Server Team.

Our planned sprints for March and May were cancelled and we looked for another option to work together.

In June, we started with the first Remote Day. A Remote Day is defined as a whole day to work on topics and issues, previously organized by the Team Lead and Product Owner. It goes from midnight to midnight for 24 hours. Everyone can contribute on that day, whether from Germany, India, Brazil, or anywhere else.

It started quite well and we announced all Remote Days (15th of each month) until the end of the year. We hope that we will get new contributors and engage known contributors as well.

Full of optimism, we planned another in-person sprint in November, at TYPO3 GmbH in Düsseldorf, but the COVID-19 numbers forced us to switch to a virtual one. We worked three days on different tasks, and it was one of the most productive sprints we can remember.

After our last one, on December 15, we could count a total of 11 contributors and many accomplishments on those 7 days.

Projects

my.typo3.org

The year-long my.typo3.org project moved to the TYPO3 GmbH. They have more resources to build a platform with interfaces to the important systems like the official TYPO3 Shop and the memberships. The move brought many improvements and it's good to see the progress.

typo3.org

Work on our main website mainly happened under the hood. With an upgrade to TYPO3 v10 LTS one week after the new version's release, we sent a message to the community that it's not difficult to upgrade quickly.

Big applause for all the Core contributors, who made it so easy for us.

With the new TYPO3 feature area and the upcoming Planet TYPO3 section we're working hard on improvements that you'll see live soon.

extensions.typo3.org

Most changes happened to our beloved TYPO3 Extension Repository. After

refactoring the SOAP interface, which was coded a decade ago, we implemented a new interface for managing our extension keys and uploading new extension versions. Big applause to Benni Mack and Oliver Bartsch for implementing and testing it.

Also, we now show the CrowdIn localization status of extensions on the detail pages. Big applause to Georg Ringer and Johannes Kasberger.

The downloads section of every extension was changed from counts by version to counts by time to have a better statistic about how „hot“ an extension is. We integrated the numbers of packagist (composer) downloads for all extensions with a setup composer integration.

get.typo3.org

We are happy to announce that we have a newcomer. Simon Gilli, lone maintainer of get.typo3.org, joined the T3O Team. Welcome, Simon!

Outlook for 2021

Team Sprints / t3o Remote Days

As the year 2021 won't make it possible to have in-person sprints, we decided to add the 25th of every month to be used as t3o Remote Day. There are plans by the Server and the Core Team to join us on these days.

Projects

In general, we plan to prepare or finally do TYPO3 v11 upgrades for all our websites.

voting.typo3.org

With refactoring the essential election extension (thx to Felix Herrmann and Wolf-Peter Utz) and the TYPO3 upgrade to v10, we can be ready for future votings.

typo3.org

We want to improve our central community hub with some features:

- Deeper Solr integration for search (autocomplete, suggestions, facets, etc.)
- Barrier free website
- Refactoring frontend code and integration
- Refactoring content element integration
- Create new layout and content structure for typo3.org homepage
- Integrate Frontend Editing

extensions.typo3.org

For the TYPO3 Extension Repository we plan to integrate composer deeper and

help all visitors to find the best possible extension for their needs by improving the search.

get.typo3.org

For the TYPO3 download portal get.typo3.org it is planned to finally integrate the Sitepackage Builder of Benjamin Kott currently available at sitepackagebuilder.com. The next step is to provide a Site Builder, an enhanced version of the Sitepackage Builder, which supports the creation of a complete project including a Sitepackage. Last but not least there are multiple minor optimizations on our list to get rid of.