

Programming and Design:

Frontend: Responsive design for all kind of devices using:

- CSS: tailwindcss (<https://tailwindcss.com>); currently 3.4.13, slowly replacing Bootstrap (<https://getbootstrap.com>; currently 4.6)
- JS: AlpineJS (<https://alpinejs.dev/>); currently 3.14.3, slowly replacing JQuery (<https://jquery.com>; currently 3.7.1)
- JS: Vue.js (<https://vuejs.org>; currently 3.5.12)
- Icons: SVG icons from remixicon.com (open source)

- The application is being realized with the symfony-framework (<https://symfony.com/>; currently 7.1.6) using PHP (currently 8.3.10) and for templating Twig (<https://twig.symfony.com>)
- The database is MySQL (currently 5.7.37)
- Audit trail with Symfony on-board tools tailor-made to our own solution
- Safe the audit trail: to prevent that the massive audit trail slows down our application we have externalized the audit function into a separate mySQL database. This database also goes onto the monthly backup sitting on our NAS.
- Hosting is with Cyon Basle
- We started with the main language deployed being “German”. We are now using English, provisioning German and “French”. Expressions to be translated are grouped by entity / activity in one .xlf file and then translated using Poedit.

Who in this world works with Symfony ?

<https://www.etondigital.com/popular-symfony-projects/>

(spotify, blablaCar, Vogue, NatGeo France, Porn hub, Trivago, Dailymotion, Swiss Open Government Data, Doc planner, Course here)

How we work together, what is important for us:

- Priorities in our development:
 - Functionality
 - Clear, easy to read, compact code
 - Speed of website
- We use Discord for communication
- For support we use: osTicket (App provided by Cyon)
- For analysis we use: Matomo (<https://matomo.org/>)
- We use phpStorm (JetBrains) as development tool
- The project is published/maintained in a private github-repository
- Walter has a “thing” with documentation, we are quite strong here: <https://www.hech.ch/help/index.html> plus a lot of structured information in his working environment
- Data security: NAS in a private cloud environment

Estimates as at the end of October 2024

- 120 Entities including help-tables
- 128 Controllers
- approx. 104'911 lines PHP
- approx. 7'499 lines VUE
- approx. 99'832 lines Twig/HTML