



TYP03
SURFCAMP
2026

Surf

Ally

Surf Ally

Accessibility Checker

Presentation Day

THE PROJECT

- Accessibility can be a pain to manage
- Aside from manual testing keeping track can be a hassle

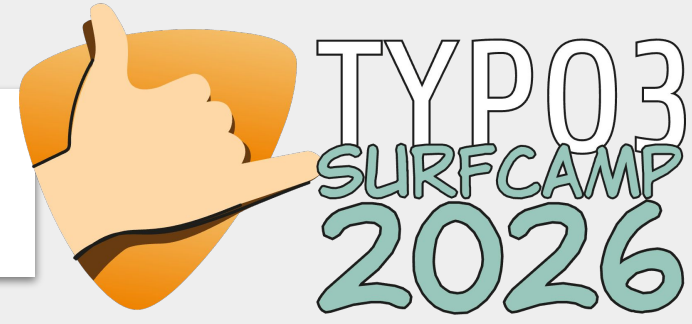
Surf Ally is a **visual analysis** extension, to not only keep track but **help** you fix your accessibility issues



THE

REASONS

- Accessibility, especially in Web-Development gets more and more attention
- Besides ethic reasons: We wanted an **easy way** to tackle website analysis
- In short: Checking 47 WCAG criteria by hand is not a workflow, it's a **cry for help**



Chris
Full-Stack Developer

Goetz
Full-Stack Developer

Julia
Frontend Developer

Maike
Backend Developer

Tobias
Full-Stack Developer

Tim
Backend Developer



MEET OUR TEAM



OUR GOALS

- Responsive Design Checks
 - Headline Linebreaks
 - Text Linebreaks
- Prebuild Dashboard Layout
- Export

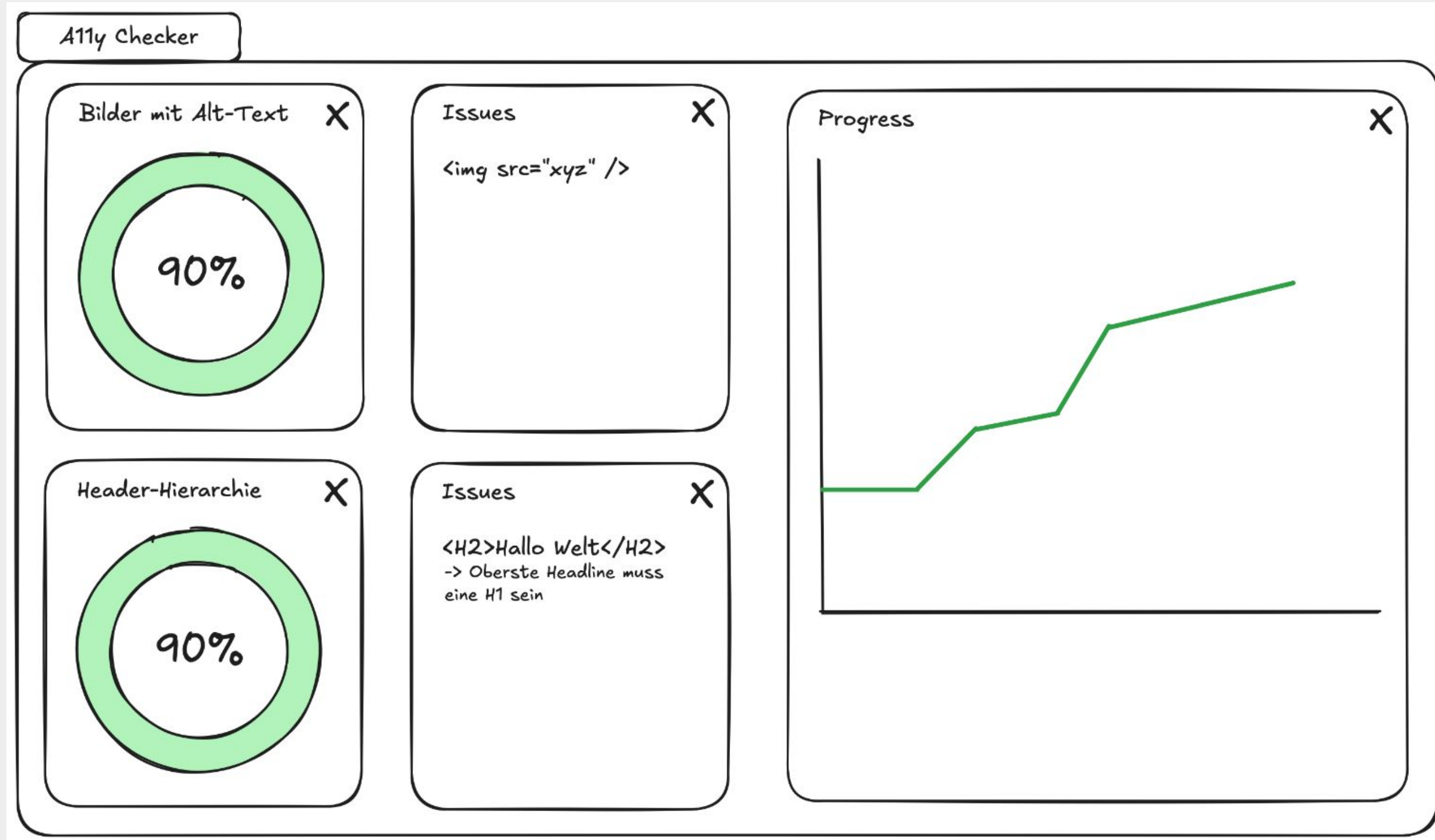
Accessibility Checks

- Images Alt Attributes
- Header Hierarchy
- Score (Inspo: Lighthouse)
- Widgets for visuals

NICE-TO-HAVES



FIRST LOOK



CHALLENGES



axe-core ftw!!

- + way more possibilities for analysis
- way more complications implementing axe-core

page translation handling

- + knowledge about data saving process
- complicated and complex

TYPO3 widgets

- + new knowledge and new topic
- nerve wrecking debugging

project management

- + issues, MVP, Pair Programming
- new people with different work flows

ACHIEVEMENTS



- Most common WCAG A + AA Accessibility Checks **through axe-core**
- Accessibility Score Pie-Chart
- Accessibility Progress Tracker
- Issue List with help texts and direct Link to CE or Page
- Page Queue Widget with manual scan trigger and Scheduler
- Documentation (Extension RST and README)
- Friends on the way (yey) ❤️



TAKE A LOOK

mm



LEARNINGS

Julia

Creating Widgets and writing PHP Code

Goetz

Working with Dashboard/Widgets

Tim

Proper database model registration & dynamic data reloading in the backend

Maike

Writing Extension Documentation and managing Tasks in a team



Chris

Dev-Ops is very hard but very rewarding (just like surfing)

Tobi

Working with Dashboard/Widgets + Extension Docs with .rst

NEXT STEPS

- making the project available for you to contribute
- alternative way of deploying the axe-core-scanner
- publish the extension



THANK YOU



Any Questions?

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