



Angular Workshop

Hosted by Alex Thalhammer

About me ...

- Alex Thalhammer
- Web Dev since 2001 (I've come a long way)
- WordPress Dev 2011 – 2016
- Angular Dev since Dec. 2016 (V 4.0.0 😊)
- Angular Trainer & Consultant since 2020
- Member of Angular Architects <https://www.angulararchitects.io/angular-schulung/>



Tell us sth about yourself

- Name
- Developer / Angular experience
- What is your goal in the next 3 days

Goals

- Motivate all your team members for Angular
- Give input on advanced Angular topics
- Get your hands on those topics (Labs / exercises)
- Discuss open topics and answer your questions

We work together

- Don't hesitate to interrupt me at any time
 - Questions
 - Remarks
- Please turn your camera on
 - Necessary for me to get feedback
- Breaks on request
 - If urgent you can always take your own break



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Timing (approximately)

- 09:00 – 12:15
- 13:15 – 16:30
- Including expected delay we will try to end at 17:00 latest

Topics

Intro & Motiv.
TS & Angular

Pipes,
Modules &
Comp. cont.

Routing

Comp.
Services

Forms

Performance
& Testing
& NG 12



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Didactics

Inputs

Discussion

Labs

Q&A



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Ready for takeoff!

- Questions so far?



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Setup for Labs

- NodeJS (I use version 14 because NG 12 currently demands it)
 - @angular/cli installed globally
 - If you're using a custom NPM repository you might run into issues
- IDE: Visual Studio Code (free) or IntelliJ WebStorm
- Chrome (or Chromium based)
- Clone or download (Link in 2 slides)



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Starter Kit

- Slides
- & Labs (exercises)



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Lab

- Pull the repo <https://github.com/L-X-T/fmr>
- Please get started with lab 00_getting_started
- Yarn (or npm i) and then Yarn start (or npm start)
- Take a closer look at the starter kit
- Optional: You may add the plugins mentioned

Outline of day 1 (a lot of inputs – sorry!)

- Overview & Motivation TypeScript
- Overview & Motivation Angular
- Components
- Services

Outline of day 2

- Recap Day 1
 - Angular Services
- Pipes
- Modules
- Components
- Template-driven Forms
- Reactive Forms



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Outline of day 3

- Recap Day 2
 - Template-driven Forms vs. Reactive Forms
 - Components: Life Cycle Hooks (lost topic :-))
- Routing
- Performance
- Briefly touch on
 - Testing with Cypress
 - NG 12
 - Observable vs Promises
- Recap of Workshop → Code base



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