



ANGULAR
ARCHITECTS
INSIDE KNOWLEDGE

Angular Essentials

Hosted by Alex Thalhammer

About me ...



It's a me → LX T

- Alex Thalhammer
- Web Dev for 20+ years (I've come a long way)
- WordPress Dev (Web, PHP & jQuery) 2011 - 2017
- Angular Dev (Web, TS) since 2017 (V 4.0.0 😊)
- Angular Trainer & Consultant since 2020
 - Member of Angular Architects

<https://www.angulararchitects.io/>



Tell us sth about yourself

- Hi, my name is ...
- I currently work on ...
- It's difficult for me to ...
- My goal for the next 2/3 days is ...



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Pollings

- OS
- WebStorm vs VS Code
- npm vs yarn
- ?



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Tell us sth about your team / projects

- Before I tell you sth about our workshop 😊



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My Goals

- **Motivate** you for Angular
- Give **input** on essential Angular topics
- Get your **hands on** those topics (labs / exercises)
- **Discuss** open topics and **answer** your questions

We work together I

- Don't hesitate to interrupt me at **ANY TIME**
 - Questions
 - Remarks
- Somebody else might have the same question
 - Be a hero and ask it 😊



We work together II

- Remote: Please turn your camera on ***ALL THE TIME***
 - Necessary for me to get feedback

Timing (approximately)

- 09:00 – 10:30
- 10:50 – 12:20
- 1hr lunch break
- 13:20 – 14:50
- 15:10 – 16:40
- Including expected delay we will end at 17:00 latest

Topics

Intro, VS Code
Angular Intro

Components
Deep Dive,
Observables

Reactive
Forms

Services,
Pipes,
Modules

Templ. Driven
Forms

Routing,
Performance,
Testing



Didactics

Inputs

Discussion

Labs

Q&A



Ready for takeoff!

- What are your questions?

Setup for Labs

- NodeJS (latest version 16, alternatively version 14)
- IDE: VS Code (free) or IntelliJ WebStorm (not free)
- Chrome (or Chromium based)
- Clone or download <https://github.com/L-X-T/mtrail-essentials/>

Starter Kit

- Slides
- Labs (exercises)
- & free book 😊

Outline of today

- Introduction
- ~~Overview & Speedrun TypeScript~~
- Angular Introduction
- Angular Services
- Angular Pipes
- Angular Modules



Disclaimer: This workshop is not about

- TypeScript / JavaScript
 - <https://www.udemy.com/course/understanding-typescript/>
 - By Maximilian Schwarzmüller who also offers *Angular*, *React* & *VueJS* (in English)
- HTML5 / CSS3 (SCSS)
 - <https://www.udemy.com/course/design-and-develop-a-killer-website-with-html5-and-css3/>
- Or all together premium course with mentor
 - <https://www.udacity.com/course/front-end-web-developer-nanodegree--nd0011>