



ANGULAR
ARCHITECTS
INSIDE KNOWLEDGE

Angular Enterprise

Hosted by Alex Thalhammer

About me ...



It's a me → LX T

- **Alex Thalhammer** from Graz, Austria (since 1983)
 - Angular Software Tree GmbH (since 2019)
- WebDev for 20+ years (I've come a long way baby)
- WordPress Dev (Web, PHP & jQuery, 2011 – 2017)
- **Angular Dev** (Web, TS, Rx since 2017 - NG 4.0.0 😊)
- **Angular Coach & Consultant** (since 2020)
 - Member of Angular Architects

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



About you ...

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 ...

Pollings

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



Tell us sth about your team / projects

- Before I tell you sth about our workshop 😊

About this workshop ...

My Goals

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

Didactics

Inputs

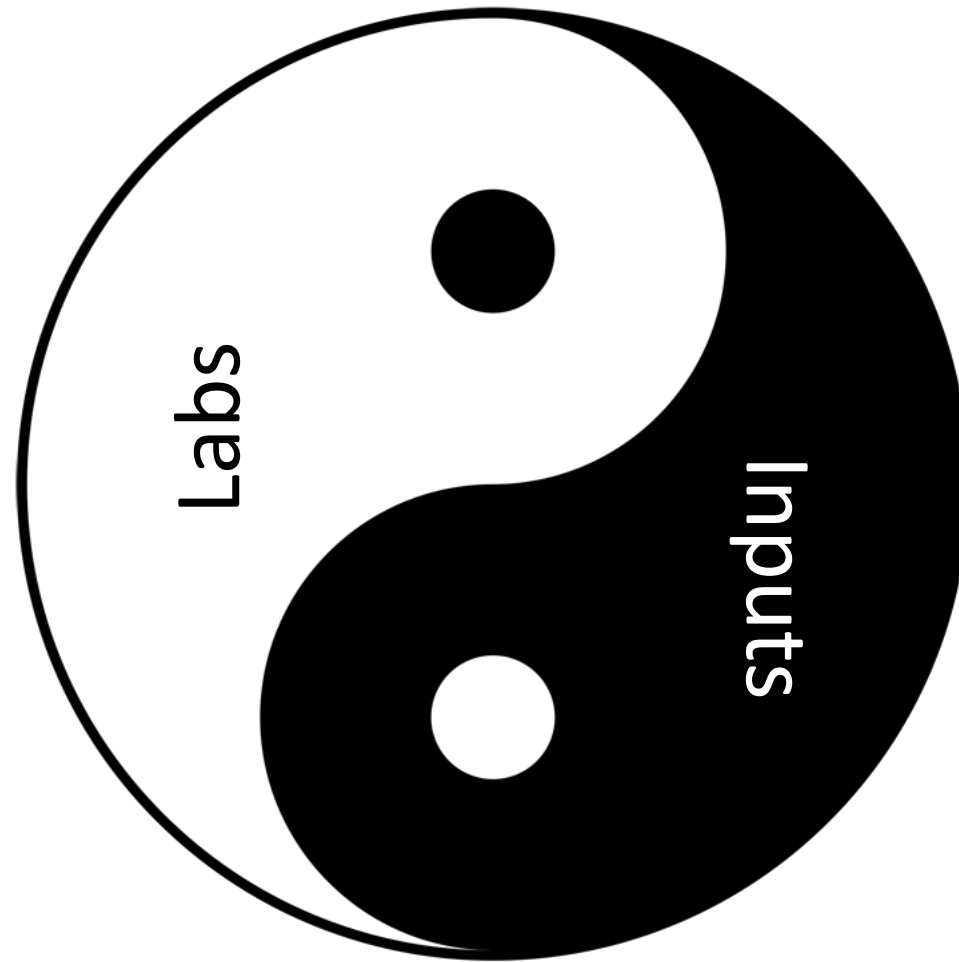
Discussion

Labs

Q&A



Didactics



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, Architecture:
Nx Monorepo &
DDD

Reactive:
RxJS Basics,
RxJS Operators

Performance:
Lazy Loading,
Change Detection

Module
Federation,
Standalone
Components

State
Management
Redux & NgRx

... ???



Ready for takeoff!

- What are your questions so far?

Setup for Labs

- NodeJS (latest version 14.20.x, 16.13.x or 18.10.x)
- IDE: VS Code (free) or IntelliJ WebStorm (not free, but better)
 - IF 1. I'd be employed & 2. my employer would not pay for WebStorm license
 - THEN I'd buy it myself (~ 190€ / year, free for students)
- Chrome (or Chromium based alternative)
 - other browsers are okay for private matters

Recommendations

- Use prettier
 - especially for .ts files
- Use ESLint
 - in your IDE of choice and/or from terminal
- Use Git
 - we recommend to at least commit after every lab
 - easier switching back and forth with my solution

Starter Kit

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

Lab

- Pull the repo [https://github.com/L-X-T/\[...\]](https://github.com/L-X-T/[...])
- 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: If you're using VSCode you may add the plugins mentioned

Topics Angular Advanced SSI Q1/23

Intro, Architecture:
Nx Monorepo &
DDD

Reactive:
RxJS Basics,
RxJS Operators

Routing, Lazy
Loading, Change
Detection

Module
Federation,
Standalone
Components

State
Management
Redux & NgRx

Unit Testing Jest,
Further Topics

