



ANGULAR  
**ARCHITECTS**  
INSIDE KNOWLEDGE

# Angular Essentials

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/more about yourself

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

# Tell us sth about your team

- Before I tell you sth about our workshop 😊

# Goals

- **Motivate** all your team members 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

- 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

# Timing (approximately)

- 09:00 – 12:20 (heute 10-13)
  - 20min break somewhere in between
- 13:30 – 16:50 (heute 14-17)
  - 20min break somewhere in between
- Including expected delay we will try to 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!

- Questions so far?

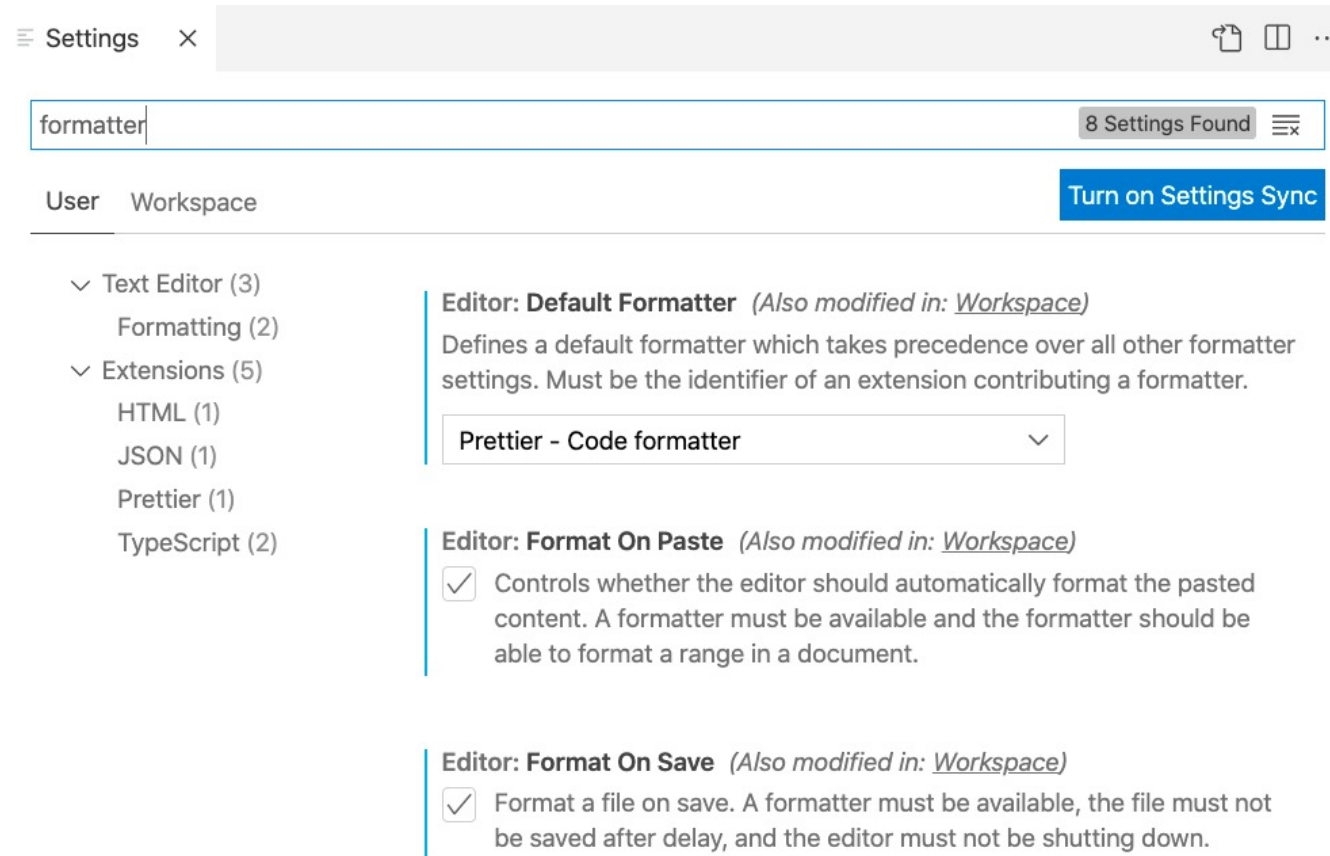
# Setup for Labs

- 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/ssi-essentials>

# Starter Kit

- Slides
- Labs (exercises)
- & book 😊

# 1 more thing before takeoff: VS Code Prettier



# 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>