Angular Essentials

Hosted by Alex Thalhammer

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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 …

Pollings

- OS

- WebStorm vs VS Code

- npm vs yarn

- ?

Tell us sth about your team / projects

- Before I tell you sth about our workshop ☺

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 interupt 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	RxJS, Modules, Components Deep Dive	Reactive Forms
Components, Services, Pipes	Templ. Driven Forms	Routing, Performance, Testing?

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Didactics

Inputs

Discussion

Labs

Q&A

Ready for takeoff!
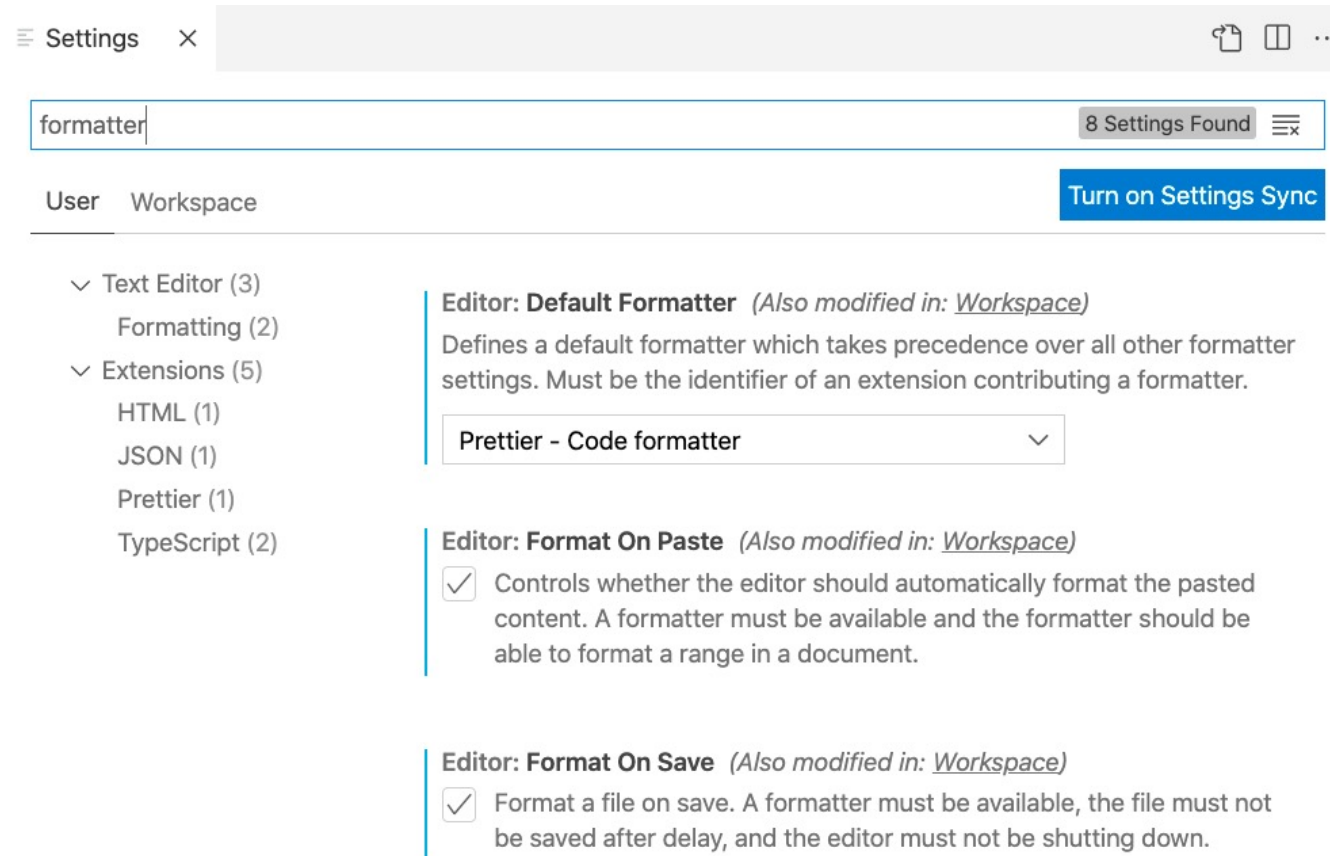
- What are your questions?

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/…

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Starter Kit

- Slides

- Labs (exercises)

- & free book ☺

1 more thing before takeoff: VS Code Prettier

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Outline of today

- Introduction

- **Overview & Speedrun TypeScript**

- Angular Introduction

- Angular Services

- Angular Pipes

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