



ANGULAR
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INSIDE KNOWLEDGE

JavaScript & TypeScript

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 😊

My Goals

- **Motivate** you for TypeScript
- Give **input** on essential TypeScript 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,
JavaScript

TypeScript



Content

- JavaScript
 - Paradigms in JavaScript
 - Details of JavaScript
- TypeScript
 - First steps
 - Project setup
 - HTTP-Access and Asynchronicity
 - Details of TypeScript



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Didactics

Inputs

Discussion

Labs

Q&A



Ready for takeoff!

- Questions so far?

Setup for Labs

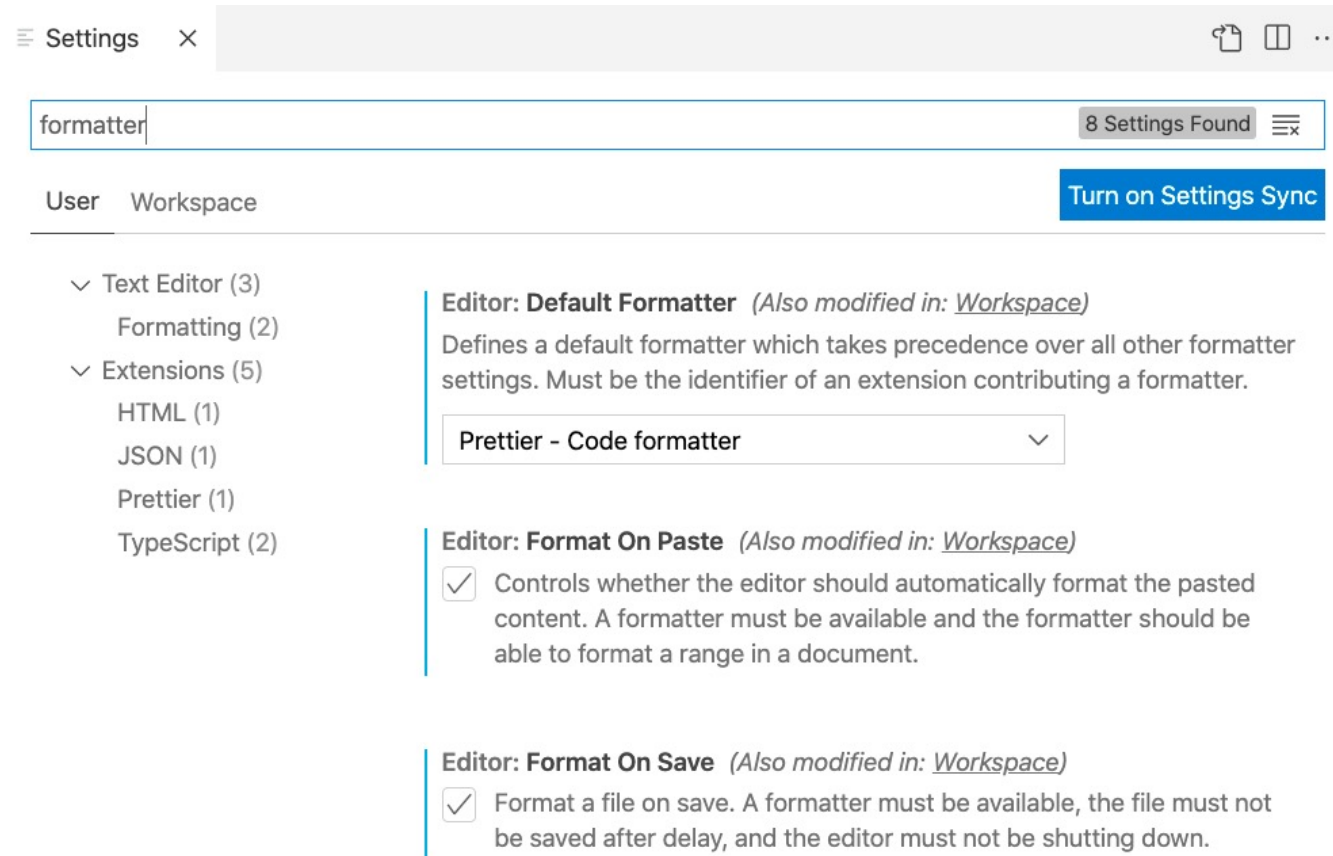
- NodeJS (latest version 14 or 16)
- IDE: Visual Studio Code (free) or IntelliJ WebStorm
- Chrome (or Chromium based)
- Clone or download <https://github.com/L-X-T/mtrail-essentials/>

Starter Kit

- Slides
- Labs (exercises)



One more thing: VS Code prettier



Outline of today

- Introduction
- HTML / CSS? :-)
- JavaScript Introduction
- TypeScript Introduction
- Angular CLI

