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/

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

- ?

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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 essential Angular topics

- Get your **hands on** those topics (labs / exercises)

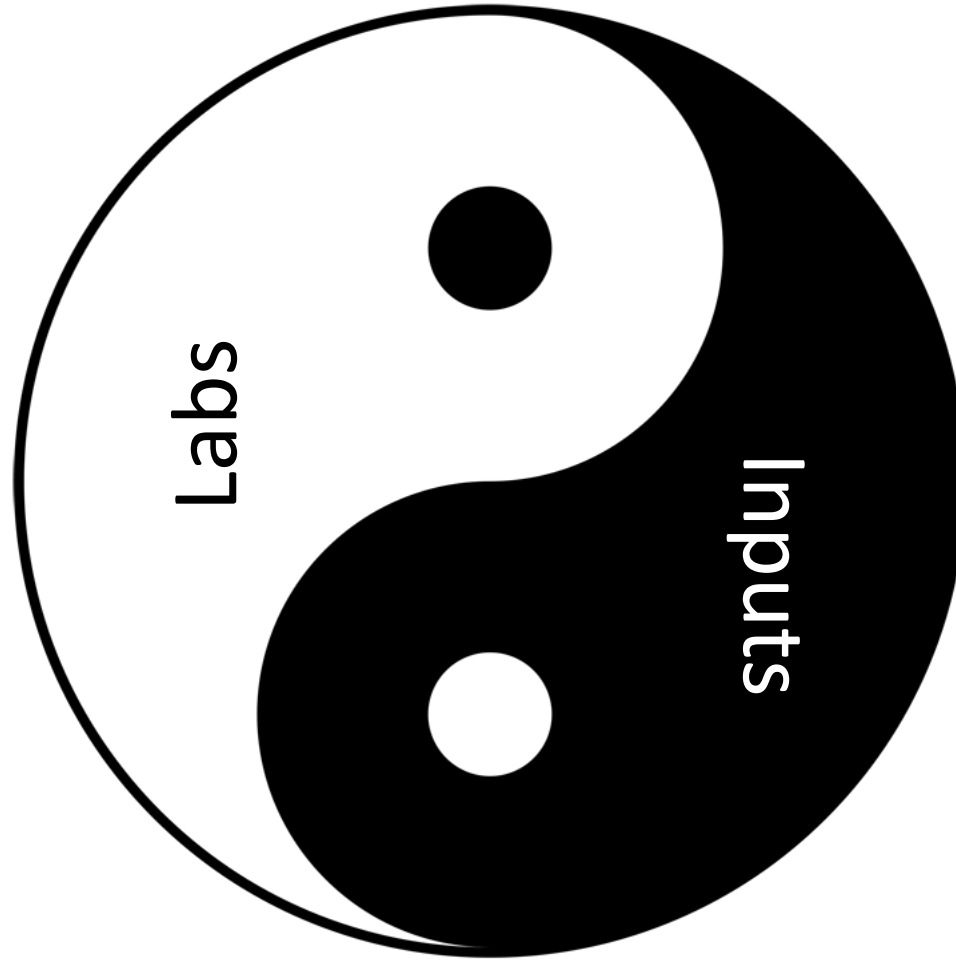- **Discuss** open topics and **answer** your questions

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Didactics

Inputs	**Discussion**
Labs	**Q&A**

Didactics

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, Components	**Comp. Deep Dive, Templ. Driven**
Directives, Services, Pipes, RxJS, Modules	**Reactive Forms, Routing**

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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

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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

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Starter Kit

- Slides

- Labs (exercises)

- & free book ☺

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Lab

- Pull the repo 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

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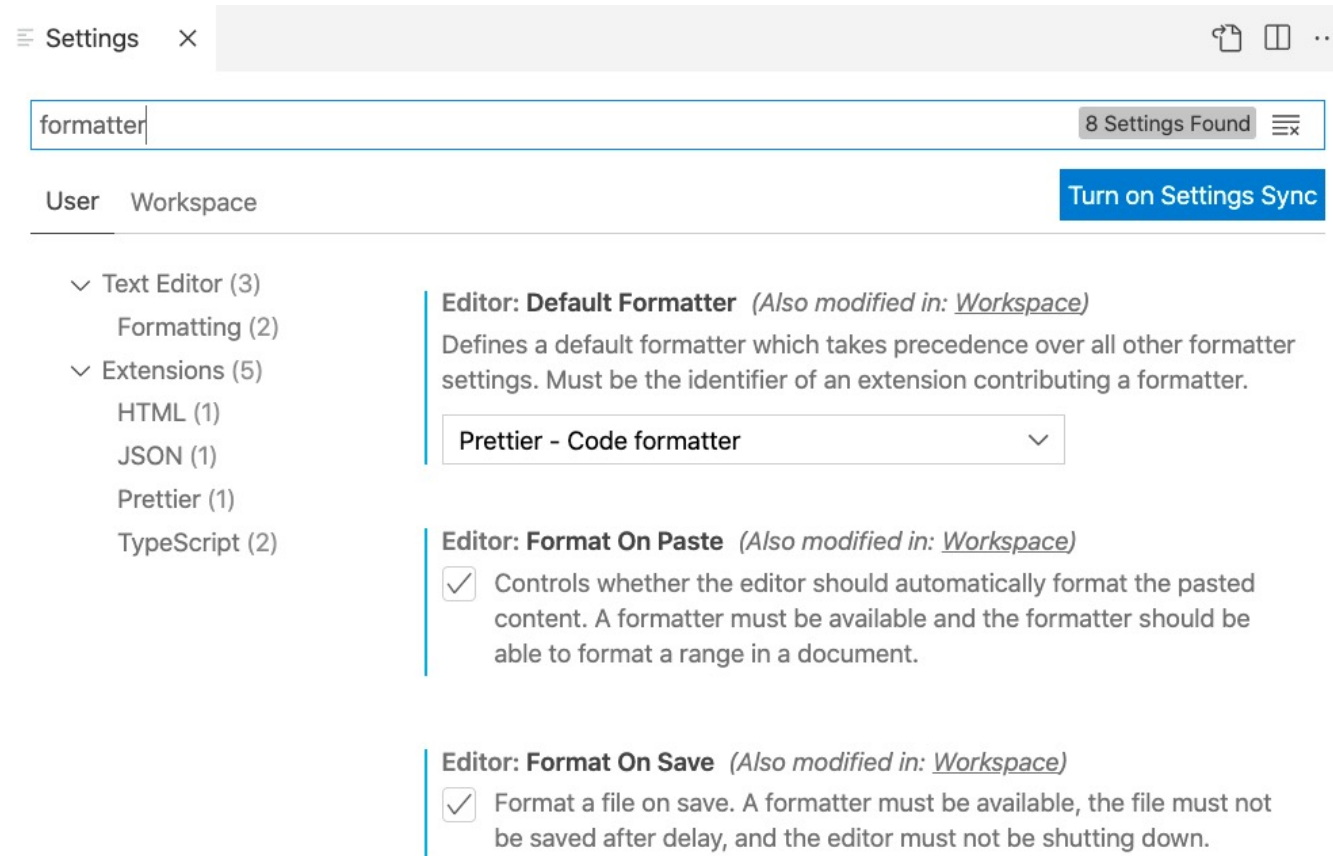INSIDE KNOWLEDGE

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1 more thing: Web-/PhpStorm auto import
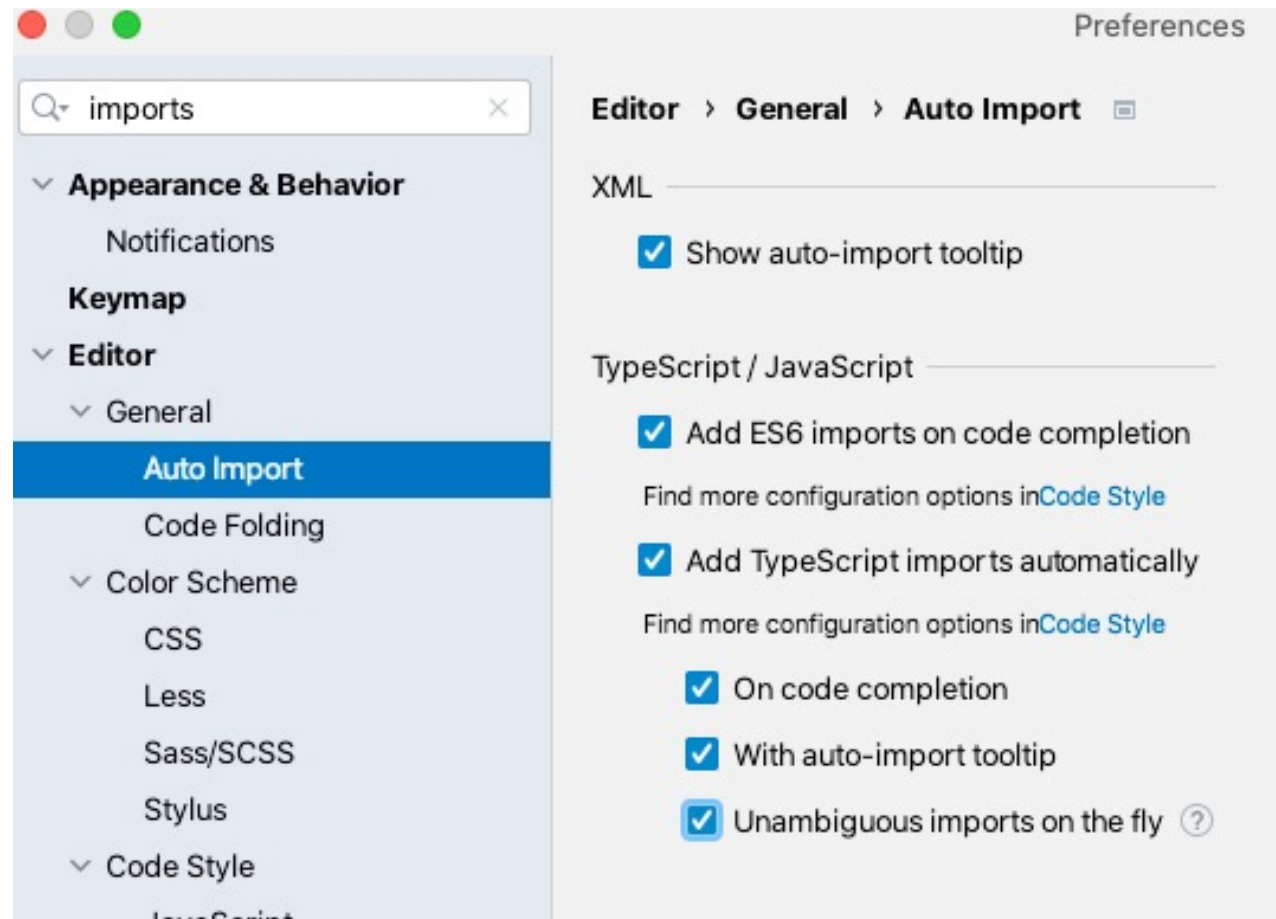
1 more thing: WebStorm prettier
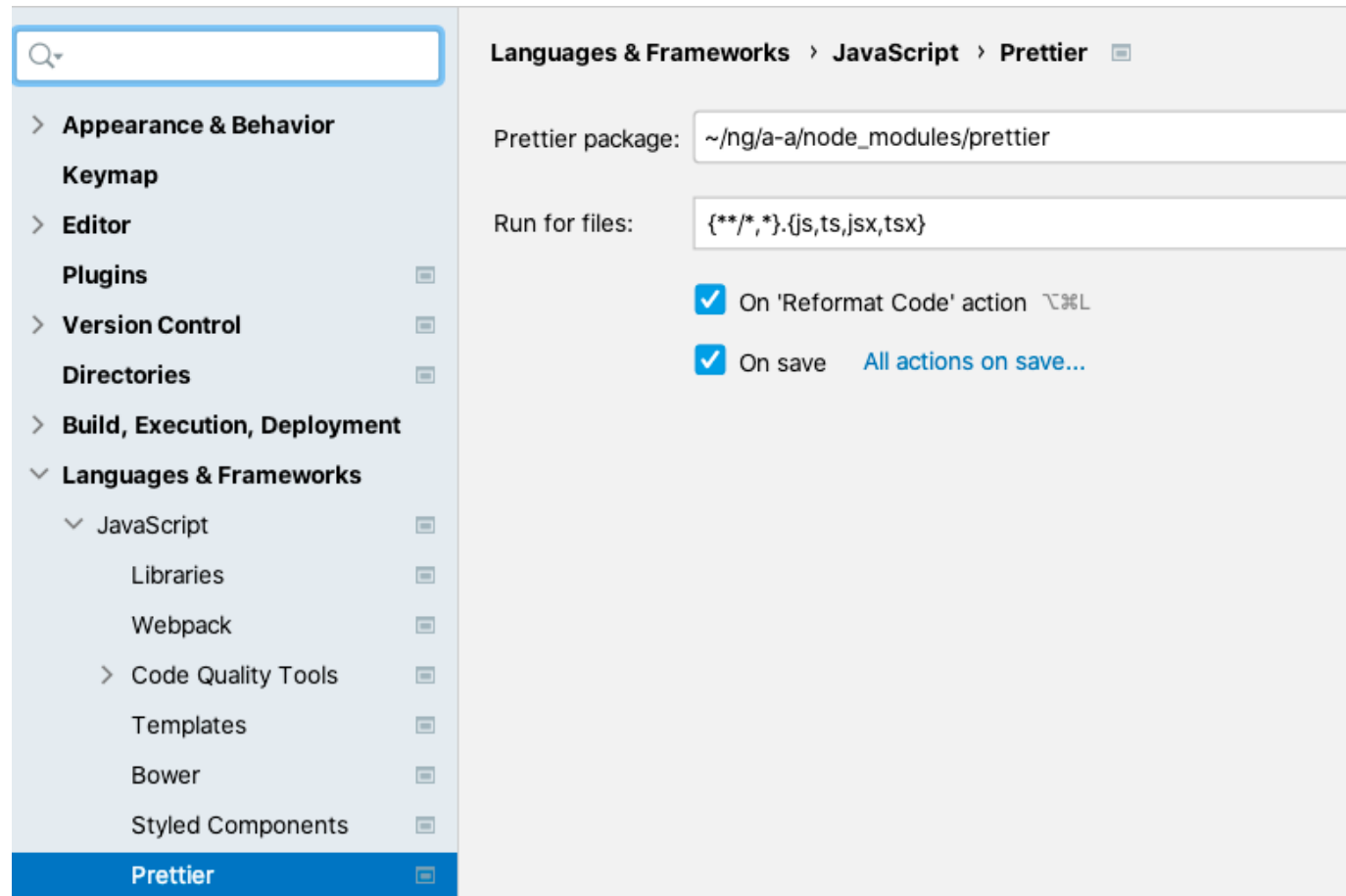
1 more thing: VS Code Prettier

Outline of today

- Introduction

- ~~Overview & Speedrun TypeScript~~

- Angular Introduction

- Angular Services

- Angular Pipes

- Angular Modules