Angular Workshop

Hosted by 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 about yourself

- Name

- Developer / Angular experience

- What is your goal in the next 3 days

Goals

- Motivate all your team members for Angular

- Give input on essential Angular topics

- Get your hands on those topics (Labs / excercises)

- Discuss open topics and answer your questions

We work together

- Don't hesitate to interupt 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
  - 20min break somewhere in between

- 13:20 – 16:40
  - 20min break somewhere in between

- Including expected delay we will try to end at 17:00 latest

Topics

Intro & Motiv. Angular	Recap day 1, Components	Routing
Services, Pipes, Modules	Forms	Performance

Outline of day 2

- Recap Building blocks
  - Modules
  - Components
  - Services
  - Pipes

- Components Deep Dive → Communication bw. components

- Forms
  - Template driven forms
  - Reactive forms

Outline of day 3

- Reactive Forms

- Recap Day 2

- Routing

- Performance

Didactics

Inputs

Discussion

Labs

Q&A

Ready for takeoff!

- Questions so far?

Setup for Labs

- NodeJS (I use version 14 because NG 12 currently demands it)

- IDE: Visual Studio Code (free) or IntelliJ WebStorm

- Chrome (or Chromium based)

- Clone or download https://github.com/L-X-T/unigraz-essentials

Starter Kit

- Slides

- Labs (exercises)

- & book ☺

Lab

- Pull the repo https://github.com/L-X-T/unigraz-essentials

- 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

- VS Code: You may add the plugins mentioned

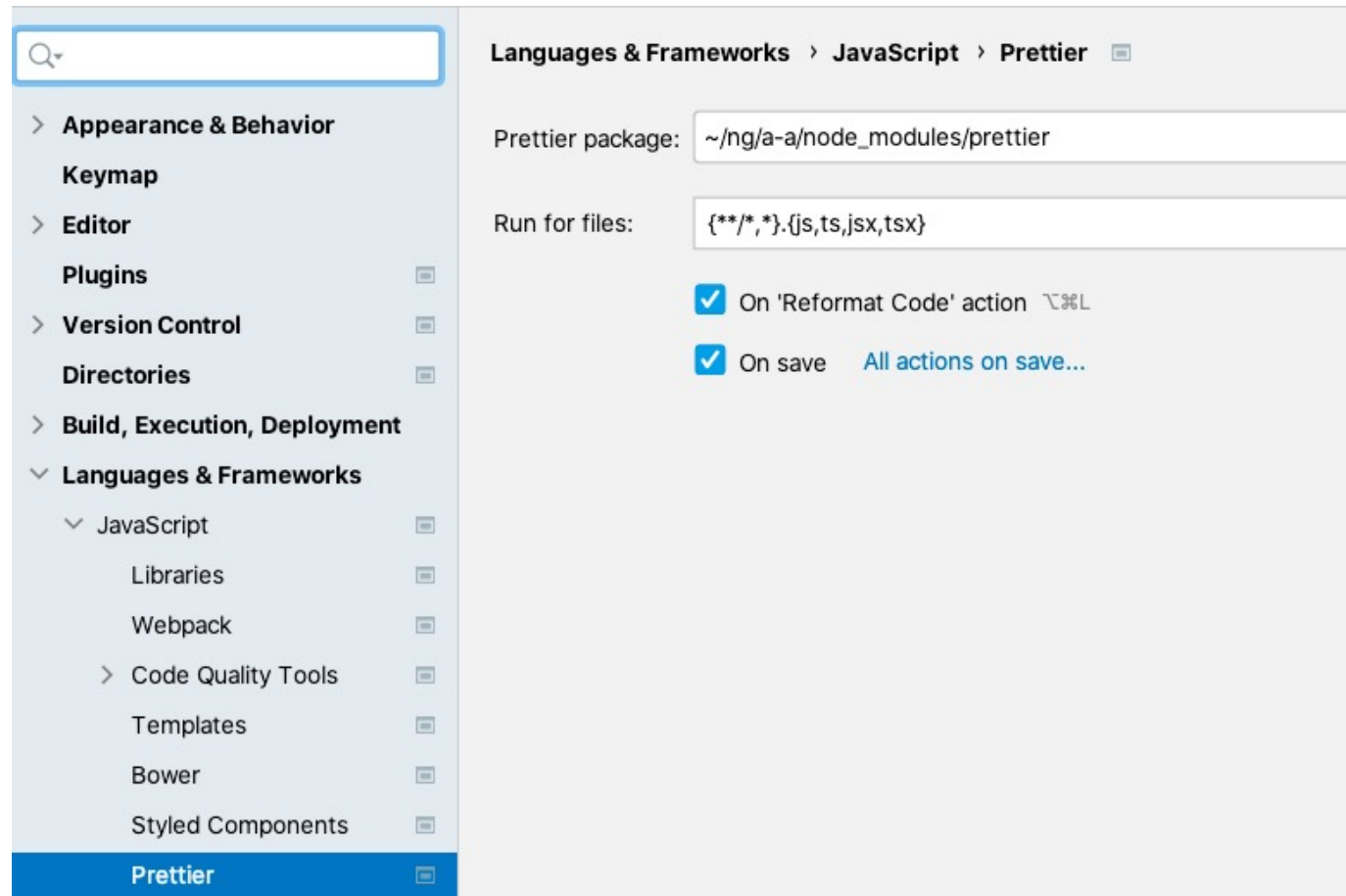# One more thing: Web-/PhpStorm auto import
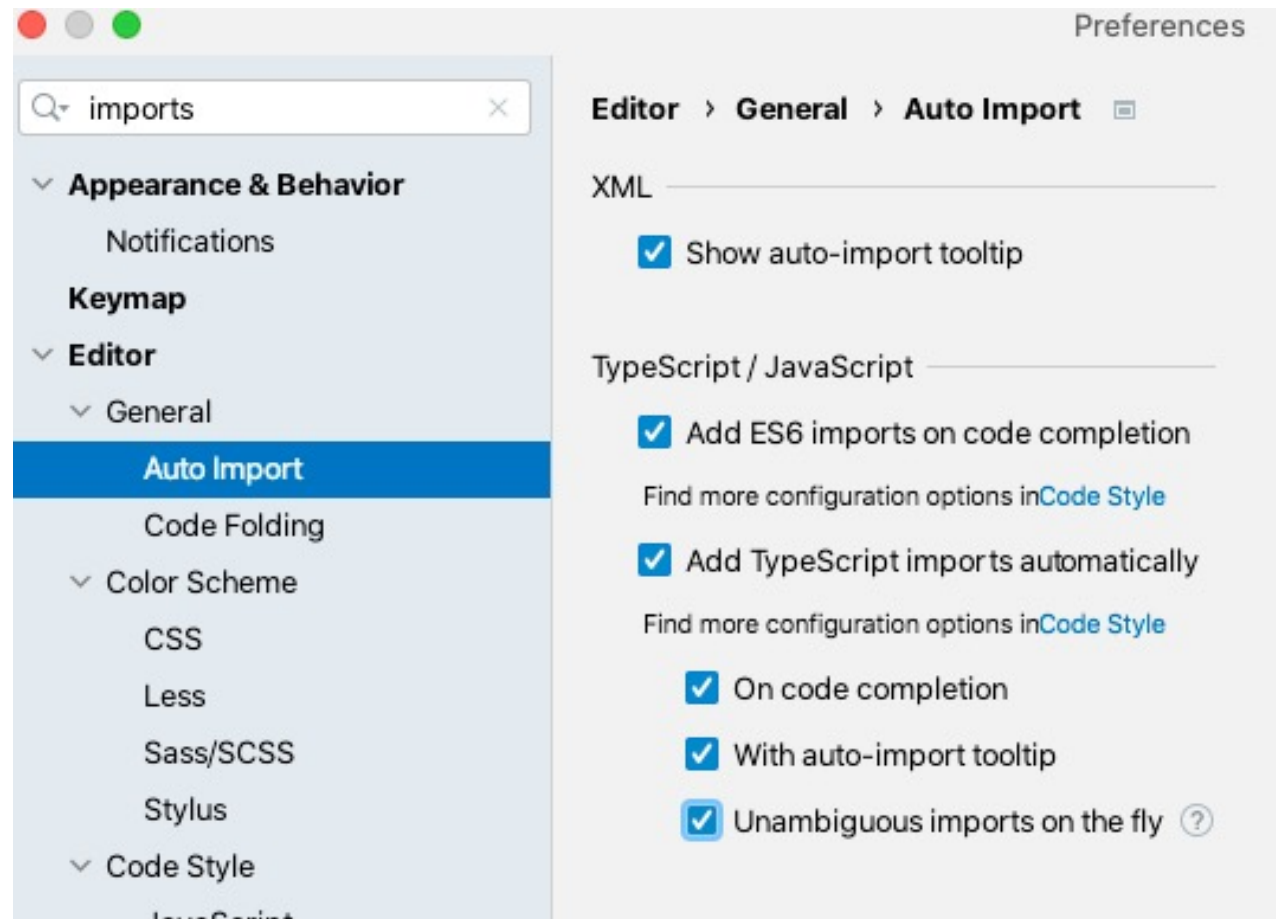
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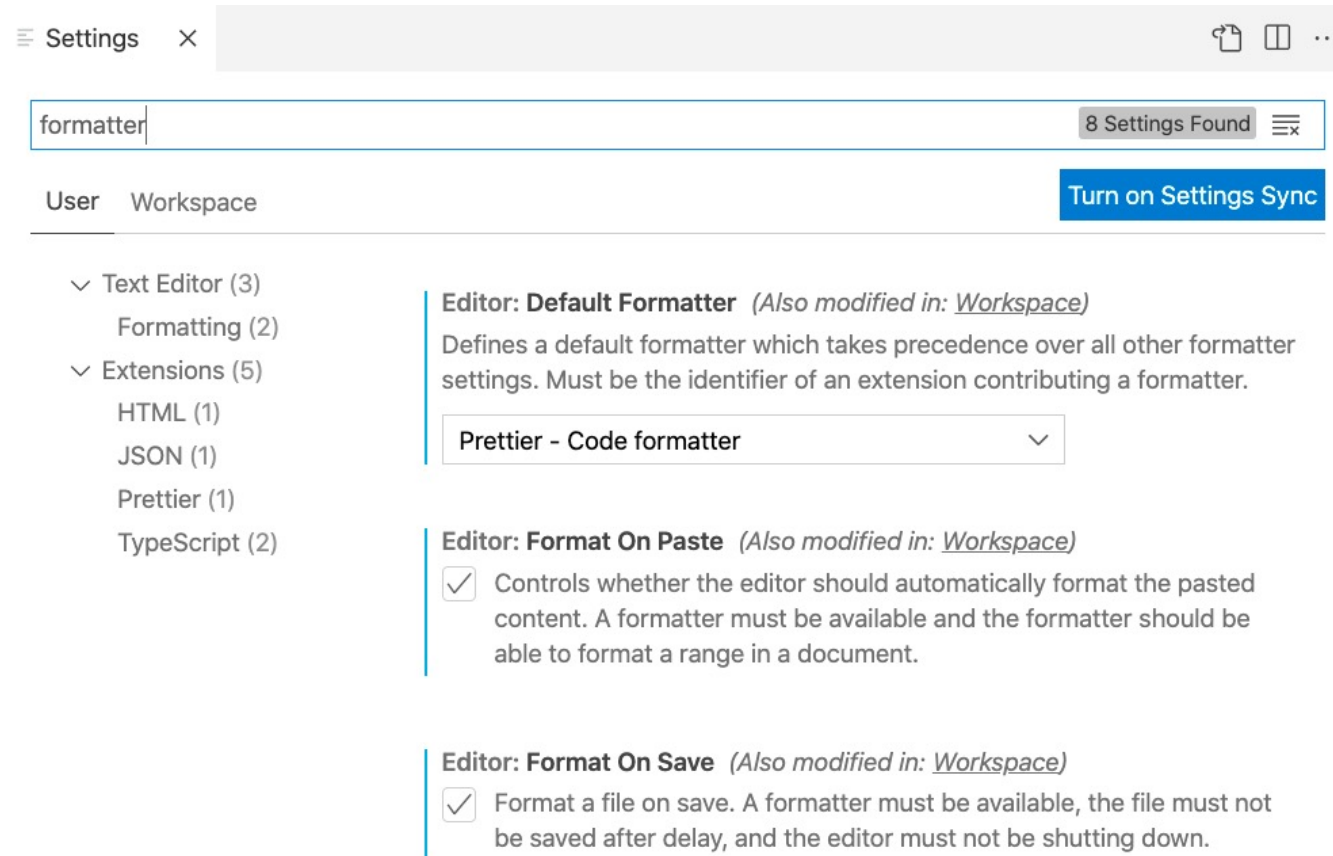
Outline of today

- Introduction TypeScript

- Introduction Angular

- Services

- Pipes

- Modules

- Components