



ANGULAR
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Angular Performance Optimization

Hosted by 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 ...
- A good performance is ...
- My goal for the next 2 days is ...



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Pollings

- OS
- Browser
- 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 😊



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My Goals

- **Motivate** you for a better Angular Performance
- Give **input** on how to measure and tweak the performance
- Get your **hands on** those topics (labs / exercises)
- **Discuss** open topics and **answer** your questions

This is brand new hot shit

- Or call it Beta 😊
- Slides are well done
- Labs are still medium rare



We work together I

- Don't hesitate to interrupt me at **ANY TIME**
 - Questions
 - Especially during the **LABS**
 - Remarks
 - Also if you see any **typos** here 😊
- 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

Didactics

Intro, UAAO &
Audit Tools

Runtime
Perform.

Initial Load

Further topics,
Conclusion



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/...>

Starter Kit

- Incl. Slides
- And Labs (exercises)



Outline

1. UAAO Framework (Understand)
2. Audit Tools for Measurement (Audit)
3. Initial Load Performance (Analyze & Optimize)
4. Runtime Performance (Analyze & Optimize)
5. Further topics, Conclusion & Feedback