Today’s Agenda

• Evaluation Results & Discussion
• Break Out: Code-Along
  – Assignment 07
• Discussion:
  – Intellectual Property and Fair Use
Evaluation

Results & Discussion
Participants / Respondents

- N = 48
  - Major subject: 42
  - Minor subject: 6
Status Quo (only majorities reported)

- **Tutorials:**
  - Interesting: n=35
  - Helpful: n=35
  - Instructive: n=38
  - Interactive enough: n=19

- **Slides:**
  - Helpful: n=35
  - Timely: n=32

- **Assignments:**
  - Too hard: n=24
  - Fun: n=25
  - Comprehensible: n=25

- **Corrections:**
  - Helpful: n=27

- **GitHub:**
  - Useful: n=23

- **Tutors:**
  - Motivated: n=38
  - Competent: n=38
  - Encouraging: n=37
Main reasons for not participating or not submitting the assignments

- No time: 20
- Too hard: 8
- Other Obligations: 8
- Too much: 6
- Too fast: 4
Your Suggestions

• Thank you for your suggestions! We feel there is no clear picture of what you expect from our tutorials / assignments.

• Examples:
  – Provide sample solutions (n=3)
  – More programming tasks during tutorials
  – Make break-out tasks and assignments similarly difficult
  – Discuss theoretical questions on assignments
  – More theory
  – Tasks should not depend on each other
  – Tasks should depend on each other
  – More explanations on assignment / task sheets
  – Shorter break-out sessions
  – More code-a-ongs
  – Spend less time installing stuff
Amount of Work

- „Aufgaben brauchen oft viel Zeit, mindestens 6-8 Stunden, wenn alles bearbeitet werden soll“
  - Approx. 30 working hours per ECTS credit
  - Quick calculation: 6 ECTS $\rightarrow$ 6 * 30h = 180 working hours per semester
    - 14*3 = 42 hours for lecture
    - 13*3 = 39 hours for tutorials
  - $\rightarrow$ 99 hours for assignments
  - $\rightarrow$ 99h / 13 assignments = 7.6 working hours per assignment.
See a summary of all responses:
https://goo.gl/qn3Hw0
What’s going to change?

- We will have **both easy and more advanced tasks** on the assignments. We will indicate the difficulty.
- **Installation** of software and tools will be a **task on the assignment** sheets.
- We will discuss the **answers to the theoretical** questions during the tutorials.
- We will continue to **improve your solutions on GitHub**, so that you can rest assured that we approve these solutions.
- Before the exam, we will of course recapitulate the material and also **exclude parts** of it.
What we expect

• If we’re too fast – say something.

• If it’s too difficult:
  – Ask questions. We haven’t received one single question via email.
  – Indicate what we should explain.

• Become more active. Passive tutorials are soooo 1955 😊
Assignment 07 – Serving with Express

![Image of Spotify search and MusicApp directory structure]
Fair Use – Pros and Cons

• Research for arguments **for and against “fair use”** of copyrighted material on the web.
• Starting articles:
  - [https://www.youtube.com/yt/copyright/de/fair-use.html](https://www.youtube.com/yt/copyright/de/fair-use.html)

• Group A: Pros
  Group B: Cons

• Discussion after 15 minutes.

• Possible focus:
  – Can you take a picture at a museum and post it to your Facebook timeline?
  – Can we use copyrighted material in the tutorial slides?
Thanks!
What are your questions?