Software Engineering for Artificial Intelligence

Tools, Template & First Assignment

TECHNISCHE
UNIVERSITÄT
DARMSTADT

Attendance via Zoom

☺ Let's try to make this a great experience for all of us:

✓ Please check your setup before the meeting. We start all calls 10 minutes early, where you can do so.

🕐 Please connect before the meeting starts.

Please join using your full name. If you use a nickname or pseudonym, tell the advisors (needed for grading).

We encourage you to use a microphone and a camera: It improves the overall experience in interactive parts.

Please mute your microphone when not speaking

Version Control: Git

- Remote Repositories: https://github.com

- Tons of learning material on the web, e.g,
  https://git-scm.com/docs/gittutorial

- Git GUIs can ease use and overview

  - Personal recommendation (Linux, MacOS):
    https://www.gitkraken.com/

  - (Yes, it also supports Windows)

Typesetting: LaTeX/TeX, BibTeX

- Tons of learning material on the web, e.g,

  https://www.overleaf.com/learn/latex/Free_online_introduction_to_LaTeX_(part_1)

- Distributions: TeX Live, MikTeX, …

- GUIs can ease use

  - Personal recommendation (Linux, MacOS): TexStudio or TexMaker

  - (Yes, they also support Windows)

Template: ACM SIGPLAN Proceedings

- https://www.acm.org/publications/proceedings-template

- For all submissions in this seminar

    - Double column layout

    - 9pt font size

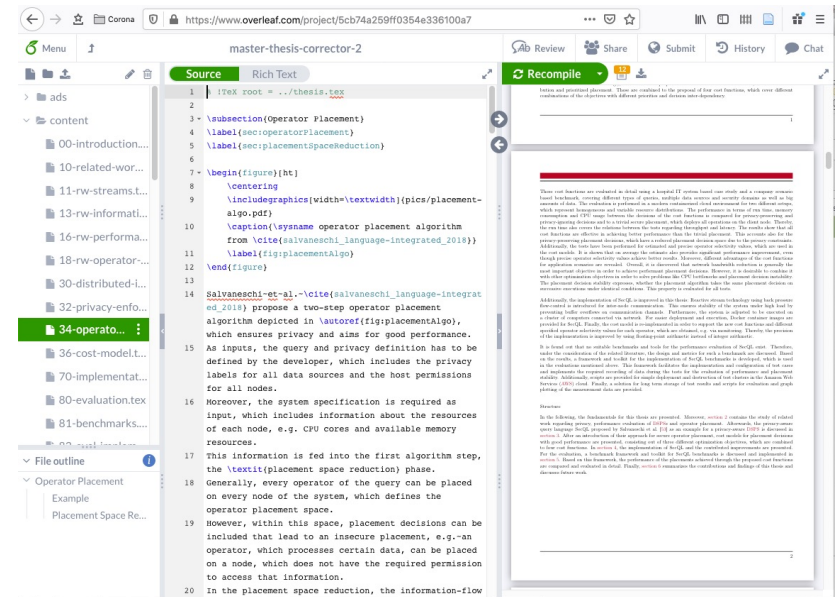# Live Collaboration

- Google Docs: Early drafts, only content

- Overleaf: Full LaTeX environment with Google Docs like experience

  - https://www.overleaf.com

  - TU Darmstadt:
    https://sharelatex01.ca.hrz.tu-darmstadt.de/ldap/login

    - No GIT integration ☹

Communication: Discord

First Assignment: Short Summary

- Summarize **individually** one paper within 1 page (+ references)

  - Recommended to read/skim other papers as well

- Course repo: https://github.com/allprojects/SE4AI-WiSe2021

  - Send your Github account name to Daniel to get access

  - Clone the repo after getting access

  - Template provided on branch "main"

  - Use it for your summary and push your changes (with a compiled PDF) to branch "summary-[YOUR NAME]-[PAPER TITLE]" based on branch "main"

- Submission deadline: November 9th (before our seminar meeting)

Next Meeting: November 9th

- Summary presentation

  - Everyone presents his/her summary in 5 minutes

  - ~5 slides

- Kickoff of Assignment 2

  - Collaborative SOTA summary

Question & Answers

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