

Software Engineering for Artificial Intelligence



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Tools, Template & First Assignment



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)

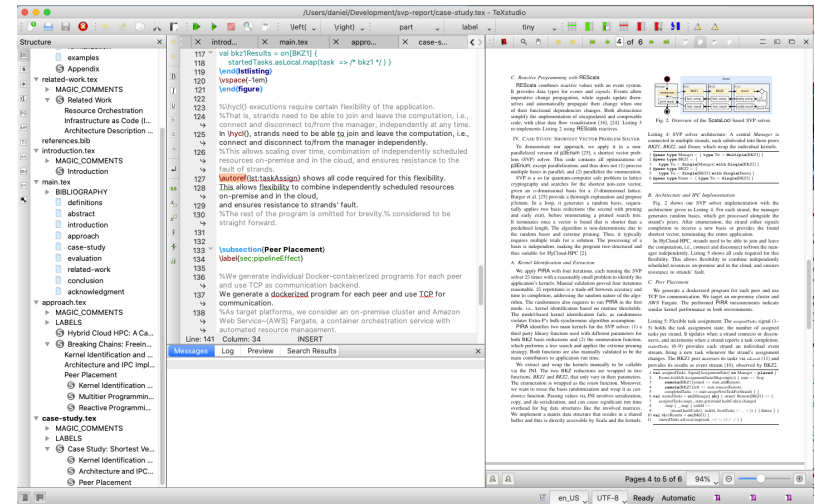
Typesetting: LaTeX/TeX, BibTeX

- Tons of learning material on the web, e.g.,
[https://www.overleaf.com/learn/latex/Free_online_introduction_to_LaTeX_\(part_1\)](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 supports Windows)



Template: ACM SIGPLAN Proceedings

- <http://www.sigplan.org/authorInformation.htm>
- For all submissions in this seminar
 - Double column layout
 - 9pt font size

Live Collaboration

- Google Docs: Early drafts, only content

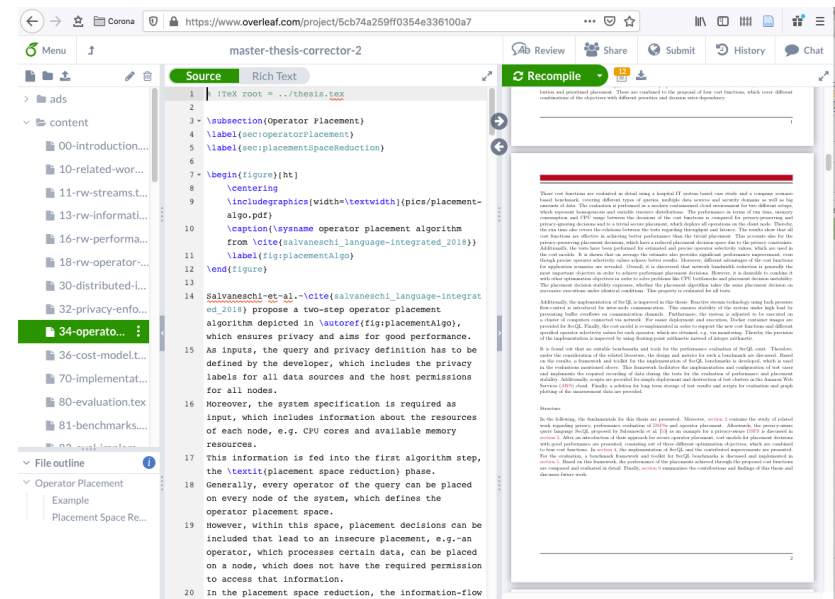
- Overleaf: Full LaTeX environment with Google Docs like experience

- <https://www.overleaf.com>

- TU Darmstadt:

<https://sharelatex01.ca.hrz.tu-darmstadt.de/ldap/login>

- No GIT integration ☹️



Communication: Slack?



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First Assignment: Short Summary

- Summarize **individually** one chapter within 1 page (+ references)
 - Recommended to read/skim the rest of the thesis as well
- Course repo: <https://github.com/allprojects/SE4AI-WiSe2020>
 - 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 (including a compiled PDF) to branch “summary-[CHAPTER_NUMBER]-[YOUR NAME]” based on the main branch
- **Submission deadline: December 6th**

Next Meeting: December 8th

- Summary presentation
 - Everyone presents his/her summary in 5 minutes
 - Limit your number of slides (not more than 5)
- Kickoff of Assignment 2
 - Collaborative full summary

Question & Answers



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