Program Comprehension
Advanced Master Seminar • Summer Semester 2022

In this seminar we deal with topics around program and code comprehension: What makes source code understandable? How do I best measure how well a developer has understood source code? What does it even mean to have understood source code?

Participants of the seminar will write a scientific paper on a self-developed question. Typical types of papers that will be possible:

- Summary of the state of research on a particular research question.
- Discussion of a previously unexamined research question through synthesis of scientific literature (possibly an essay).
- Systematic design of a study to answer a well-motivated research question.

The evaluation is mainly based on the written work and to a lesser extent on the presentation of the results at the end of the seminar. Participants work mostly independently. There will be a kick-off event and individual mentoring sessions as needed.

If you have any questions about the seminar in advance, please contact Marvin Wyrich via marvin.wyrich@iste.uni-stuttgart.de.