Software Engineering Seminar

Interactive Automated Debugging

Description

Debugging usually is a very tedious and time consuming task. Naturally, multiple (semi-)automated techniques have been proposed to support developers with their debugging tasks. One of the most recent proposed techniques iteratively and interactivelly communicates with the developer, using their feedback to close in on the occurring fault [2].

The student is to examine and to discuss the techniques given in the provided papers, to evaluate their capabilities and to compare them to each other and to other automated debugging approaches.

References


Contacts

Simon Heiden (heiden@informatik.hu-berlin.de)
Software Engineering Group
Institut für Informatik
Humboldt-Universität zu Berlin