Software Engineering Seminar

Machine Learning for Self-Adaptive Software

Description

Self-adaptive software has the capability to dynamically adapt its behavior in response to changes of its own state and environment so that it continuously satisfies its requirements (*cf.* [9]). Recently, machine learning has been applied to several problems of this self-adaptation process.

The student should explore and discuss the recent trend of using machine learning for self-adaptive software. Different approaches using machine learning should be discussed and compared to each other.

References

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