Software Engineering Seminar

Finding Exploits with Symbolic Execution

Description

Exploits in software systems may pose big safety and security risks. Naturally, (automated) techniques to detect existing exploits are necessary to ensure the well-behaviour of software systems. In this context, symbolic execution, as used in [1], can be a powerful tool to recognize exploits.

The student is to examine and discuss the approach given in the paper and compare it with similar techniques.

References


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