Software Engineering Seminar

Delta Debugging

– JINSI –

Description

In delta debugging, one tries to isolate a minimal root cause of an occurring error by removing all elements that are not relevant to the failure. JINSI is a tool to capture and replay interactions between Java components and their environment. It is also able to apply delta debugging to automatically isolate a subset of interactions that is relevant for the failure.

The goal of this topic is to examine the merits of delta debugging in general and the mechanics of the tool JINSI in particular.

References


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