TLA⁺ Experiments

TLA⁺ is a formal notation based on temporal logic for specifying concurrent and distributed systems proposed by Leslie Lamport. A set of tools have been devoped in order to work with the notation and prove properties of TLA⁺ specifictions. The notation is further described at https://lamport.azurewebsites.net/tla/tla.html

In this project, the students should try out the notation and tools for specifying standard examples of concurrent and distributed computing and try to prove properties of these using the various tools.

Prerequisites:

01258 Concurrent Programming

02142 Computer Science Modelleing

A strong heoretical inclination

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