

11. Übung zur Vorlesung „Concurrent and Distributed Programming“

Abgabe am Dienstag, 02. Juli 2019 - 16:00

Präsenzaufgabe 1 - Pessimistic STM implementation

In the lecture we discussed two possible optimizations of the pessimistic STM implementation. Realize them:

- Instead of storing information about locked resources in the RS and WS, it is also possible to store the information within the TVars.
- When a transaction performs a rollback, because it cannot read or write a TVar, because another transaction locked it, we can suspend the rollback until the lock on this TVar is released again.