

Detecting deadlocks using static analysis in .NET

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What did I do last week?

- Tried analyzing the lock order graphs...
 - ...unfortunately without any good results.
 - Finding simple cycles instead of strongly connected components sounds promising since the SCC graphs are huge and useless.
- Added text on Coffman's deadlock conditions.
 - Examples still have to be translated to LaTeX figures.

What do I plan to do next week?

- Work on the thesis text...
 - ... merge deadlock.tex into main.tex
 - Link to „Threading in C#“ and mention all the other synchronization constructs in the „Locks in .NET“ section
 - Add section on basic structure of the lock order graph building.