Lecture 18 - Nov. 12

Bridge Controller

Abstract vs. Concrete Transitions Predicates: Stronger vs. Weaker Why Guard Strengthening?

Announcements/Reminders

- ProgTest2 results to be released by Monday, Nov 18
- Guide to be released for WrittenTest2 on Wednesday
- No scheduled lab session tomorrow.

Bridge Controller: Guards of "old" Events 1st Refinement



States, Invariants, Events: Abstract vs. Concrete



Consider: < Thit, ML_ant, ML_Th > exercise

Bridge Controller: Abstract vs. Concrete State Transitions

Abstract mO



Before-After Predicates of Event Actions: 1st Refinement





Predicates Weaker US. Stronger





PO/VC Rule of Guard Strengthening: Sequents

