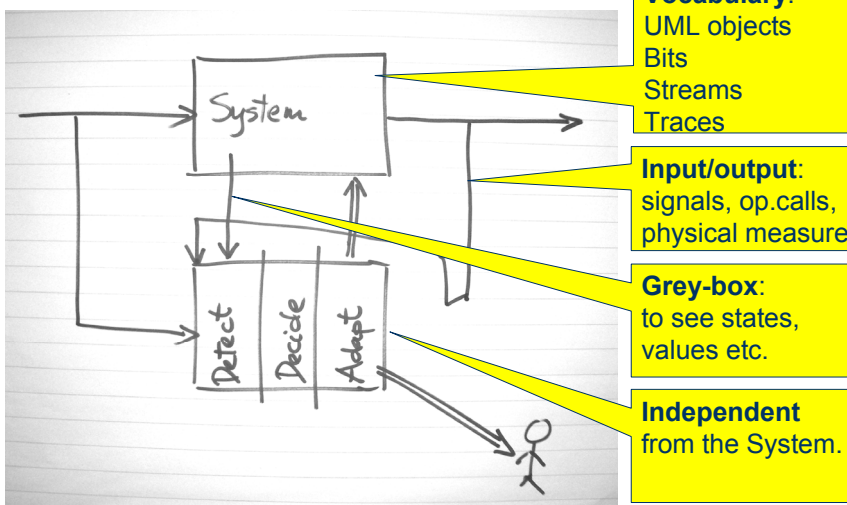


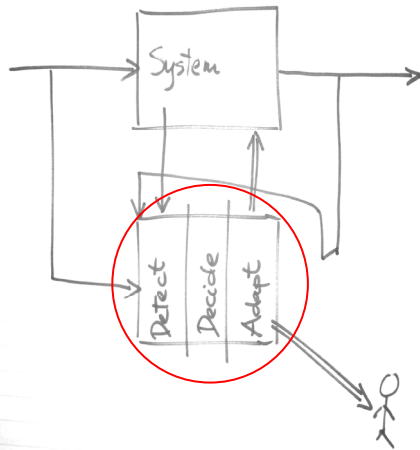
What is a run-time model?

for adaptation
by
Infrastructure Group
Models@run.time MoDELS2007

What is a run-time model for adaptation?

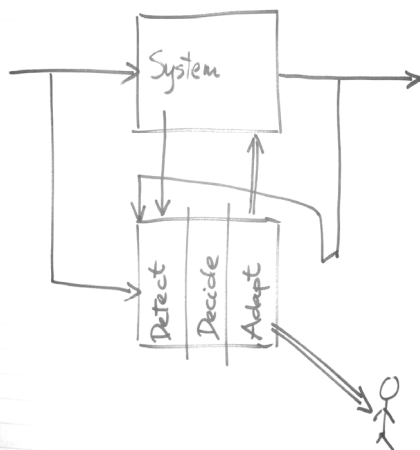


Purposes of the augmentation



- Correctness
 - reporting
 - recovery
- Adapt to changing environment
 - modes
 - incremental
- Graceful degradation
- Adding functionality
- Tracing for future use
- Debugging

Possible properties of augmentation



- external problems
 - like hardware error
- load, performance
 - extra-functional
- requirements
 - expressed in (say) A-LTL
 - sequence diagrams (!)