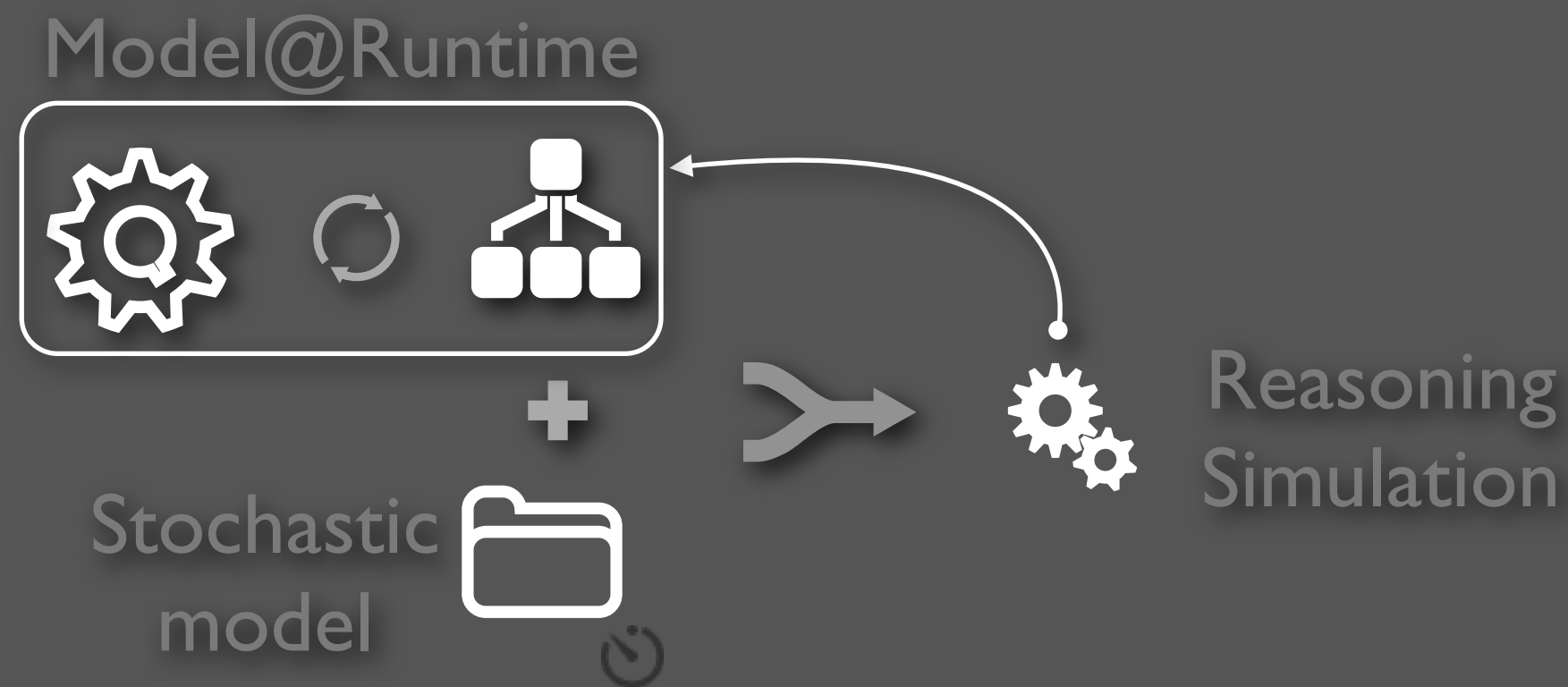


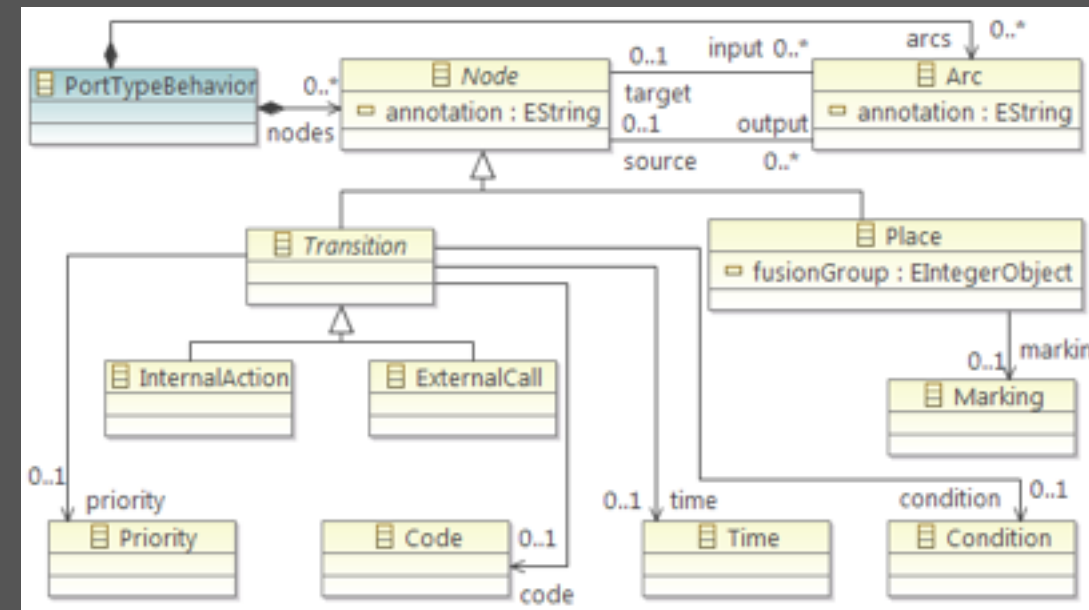
A Process for Continuous Validation of Self-Adapting Component Based Systems



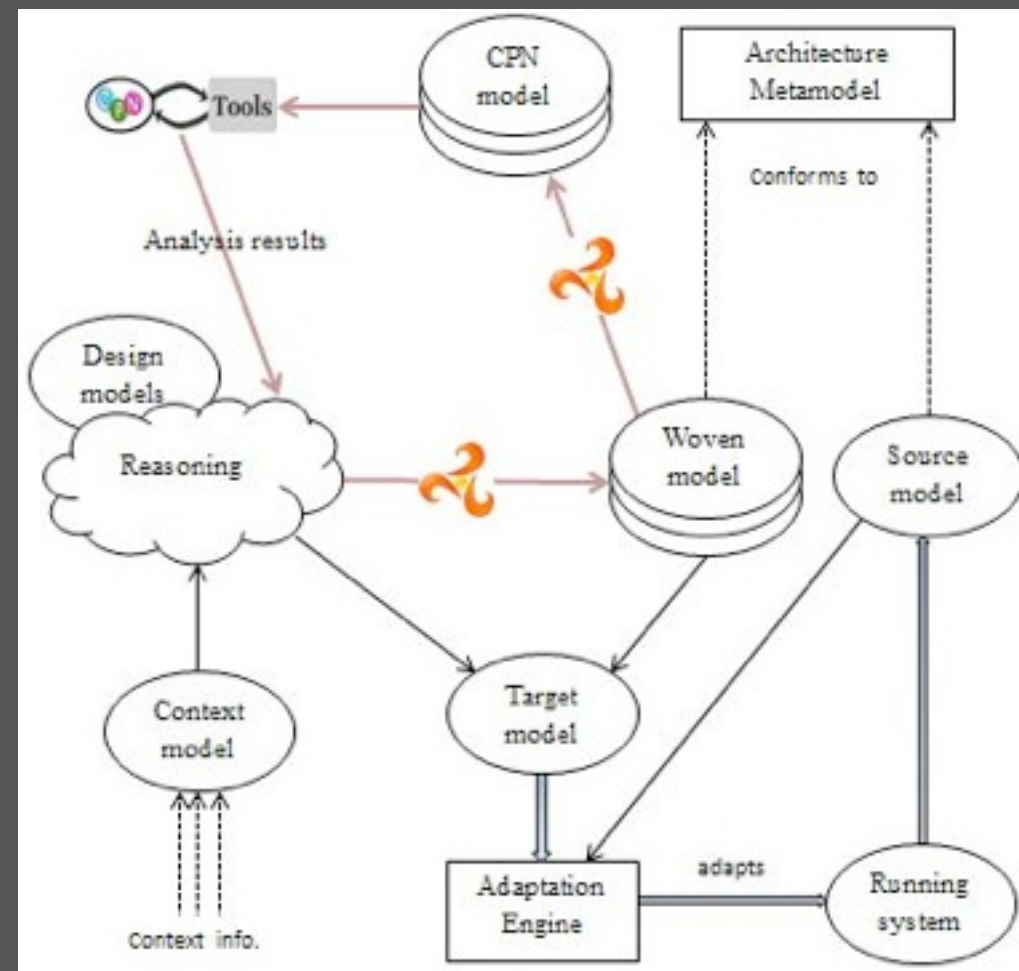


Kevoree component model

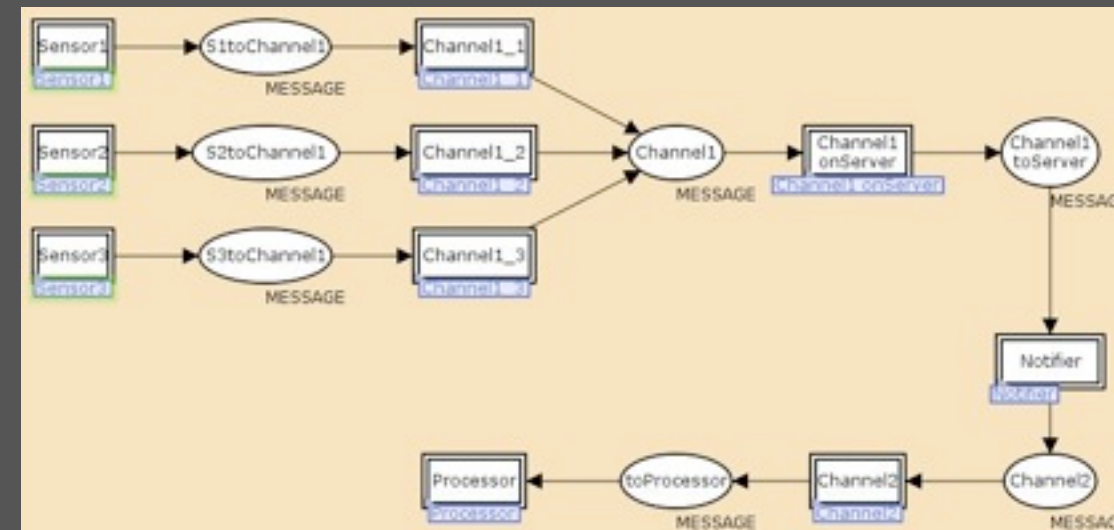
+



Description of stochastic behaviors based on the MM above (CPNs)



Y compose



Hierarchical, colored, stochastic Petri net

Summary

- Hierarchical, stochastic colored Petri nets (CPN) fit well as a time-related behavioral decorator model for structural Model@Runtime
- Fast modern stochastic simulation results are injectable in a reasoning loop in a M@R engine