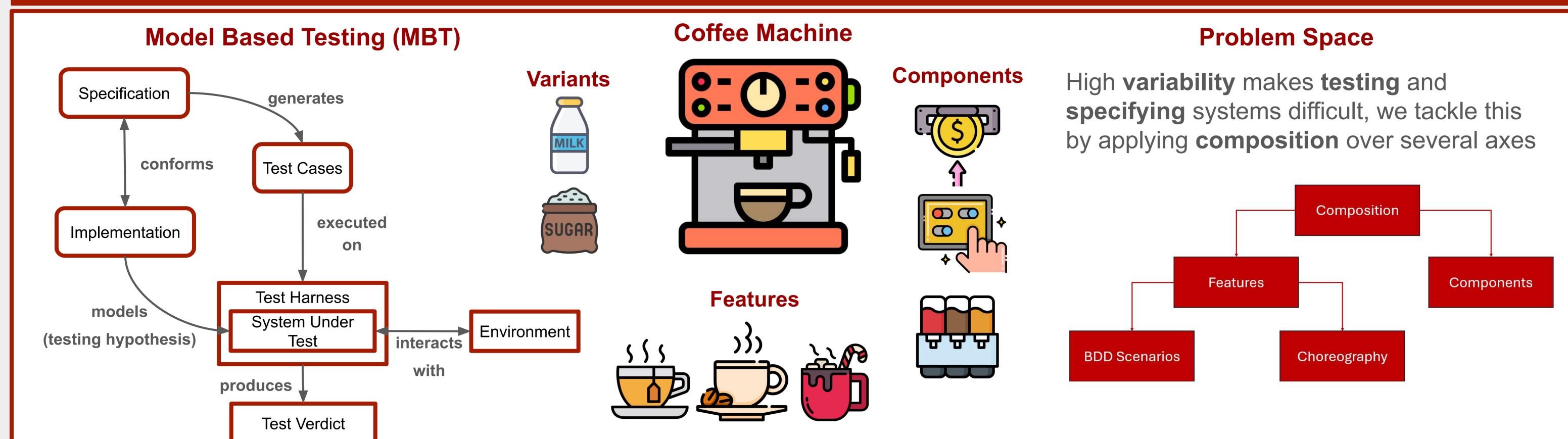
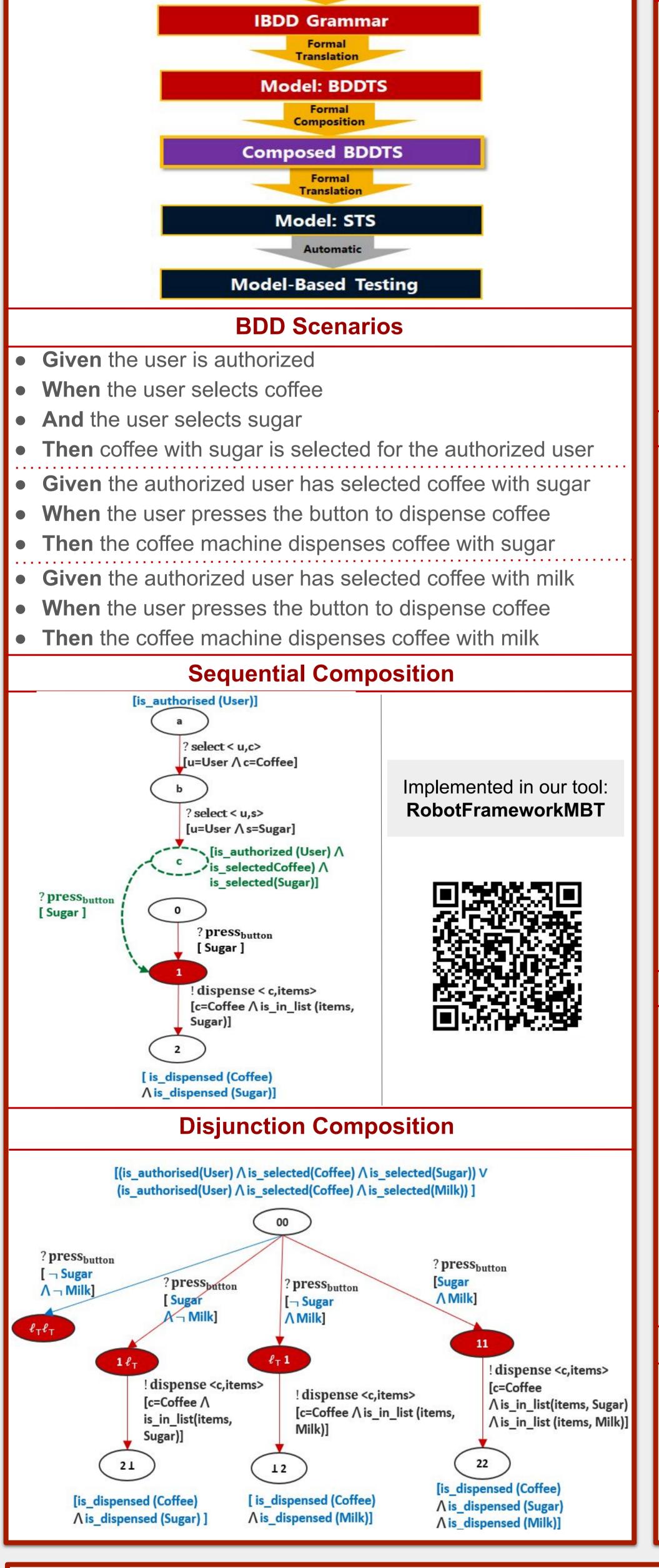
TiCToC: Testing in Times of Continuous Change Lars van Arragon, Gijs van Cuyck, Tannaz Zameni

Radboud University, University of Twente

Develop formalisms, methods, and tools to reduce the combinatorial explosion of testing evolving systems with high variability



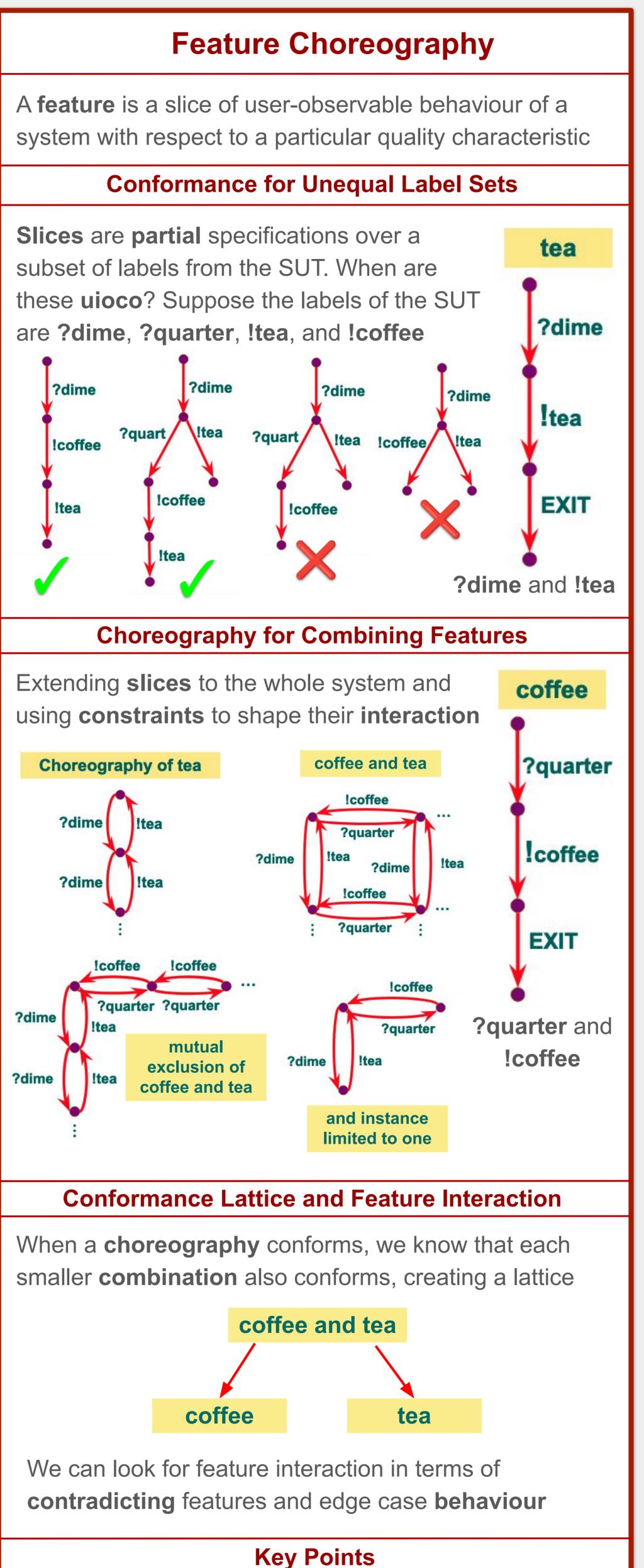


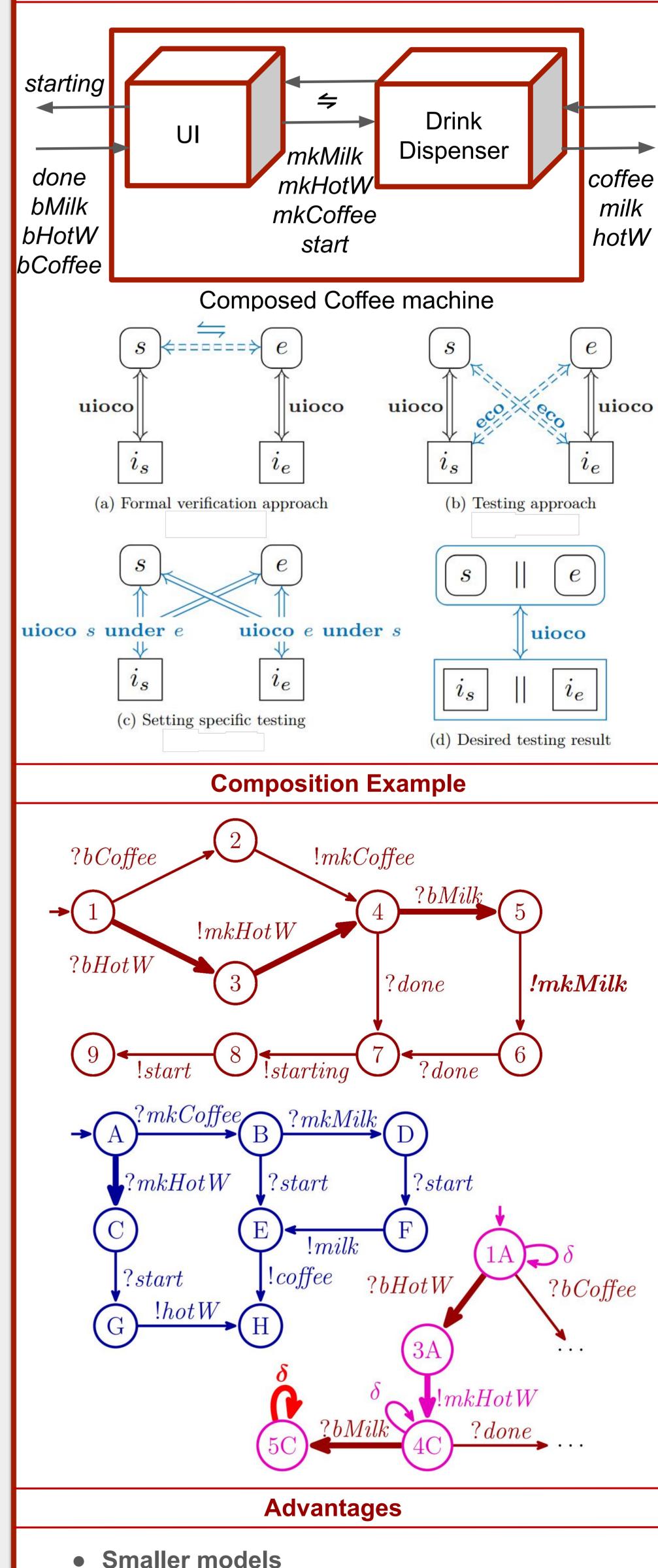
BDD + MBT

BDD Scenarios

Manual Translation

Business Level Grammar





Component Testing





Separating domain and application knowledge

Smaller, compositional models

Better control over feature interaction

Advantages





Test earlier

Easier retesting

Easier diagnosis

Replacing components

Easier to make, adapt and maintain