



IT Systems Engineering | Universität Potsdam

# Deriving Behavior of Multi-User Processes From Interactive Requirements Validation

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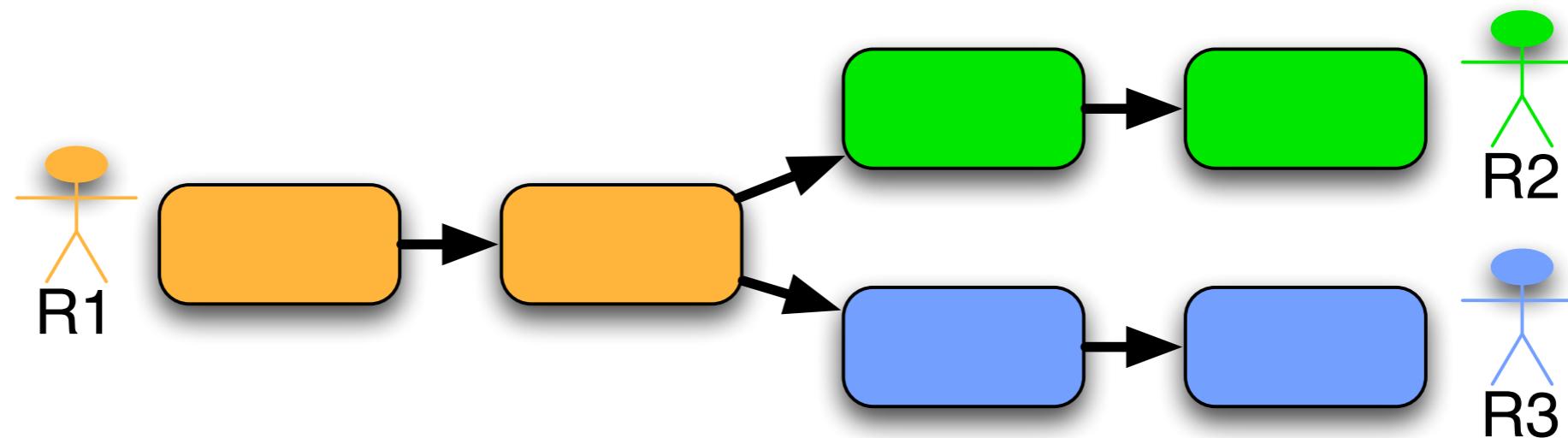
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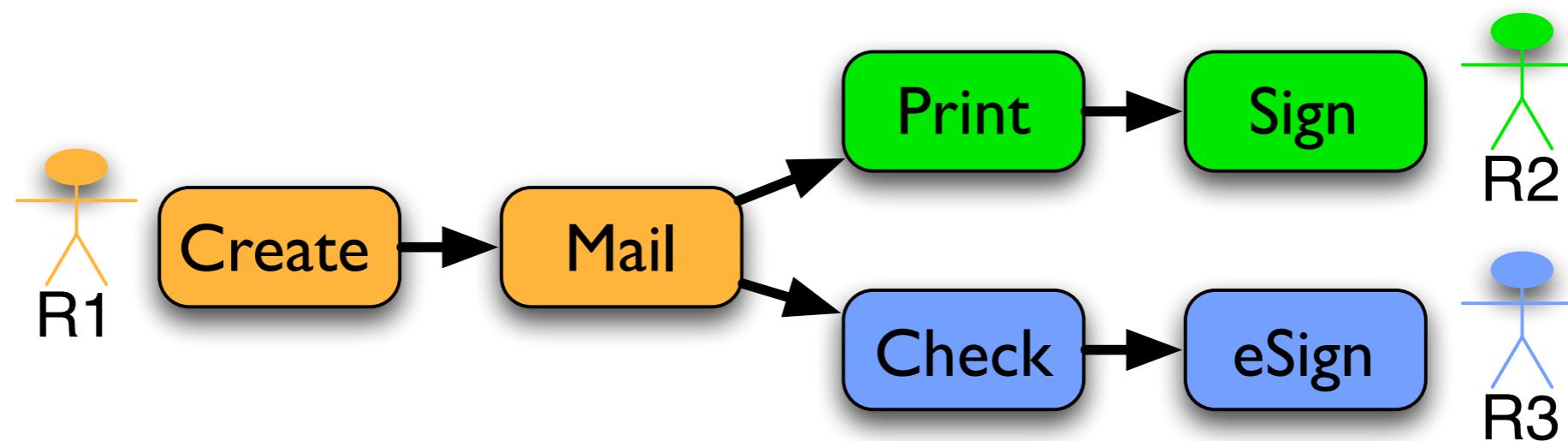
# Motivation

- Requirements of software systems supporting multi-user business process are hard to elicit
  - Many different partial perspectives
  - No holistic picture



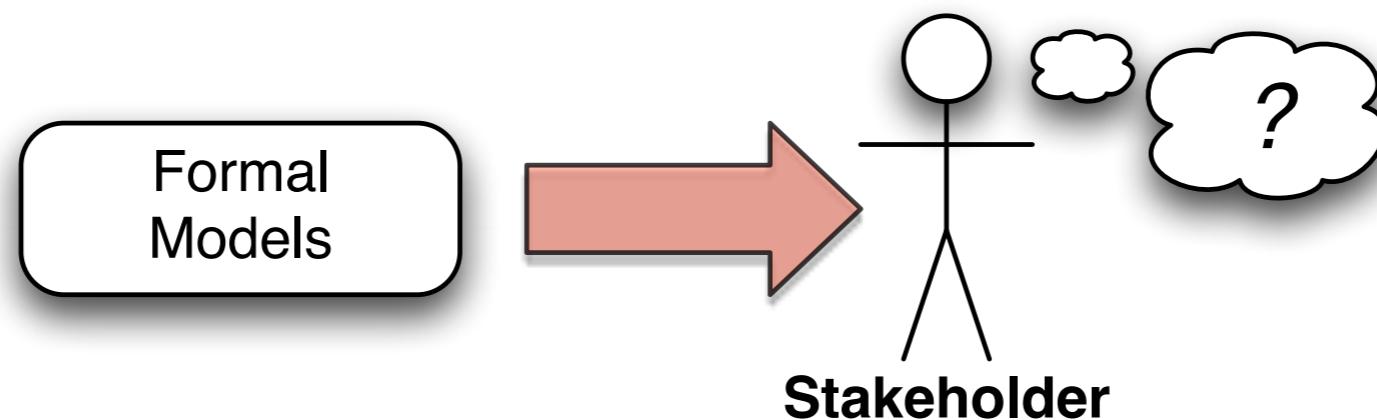
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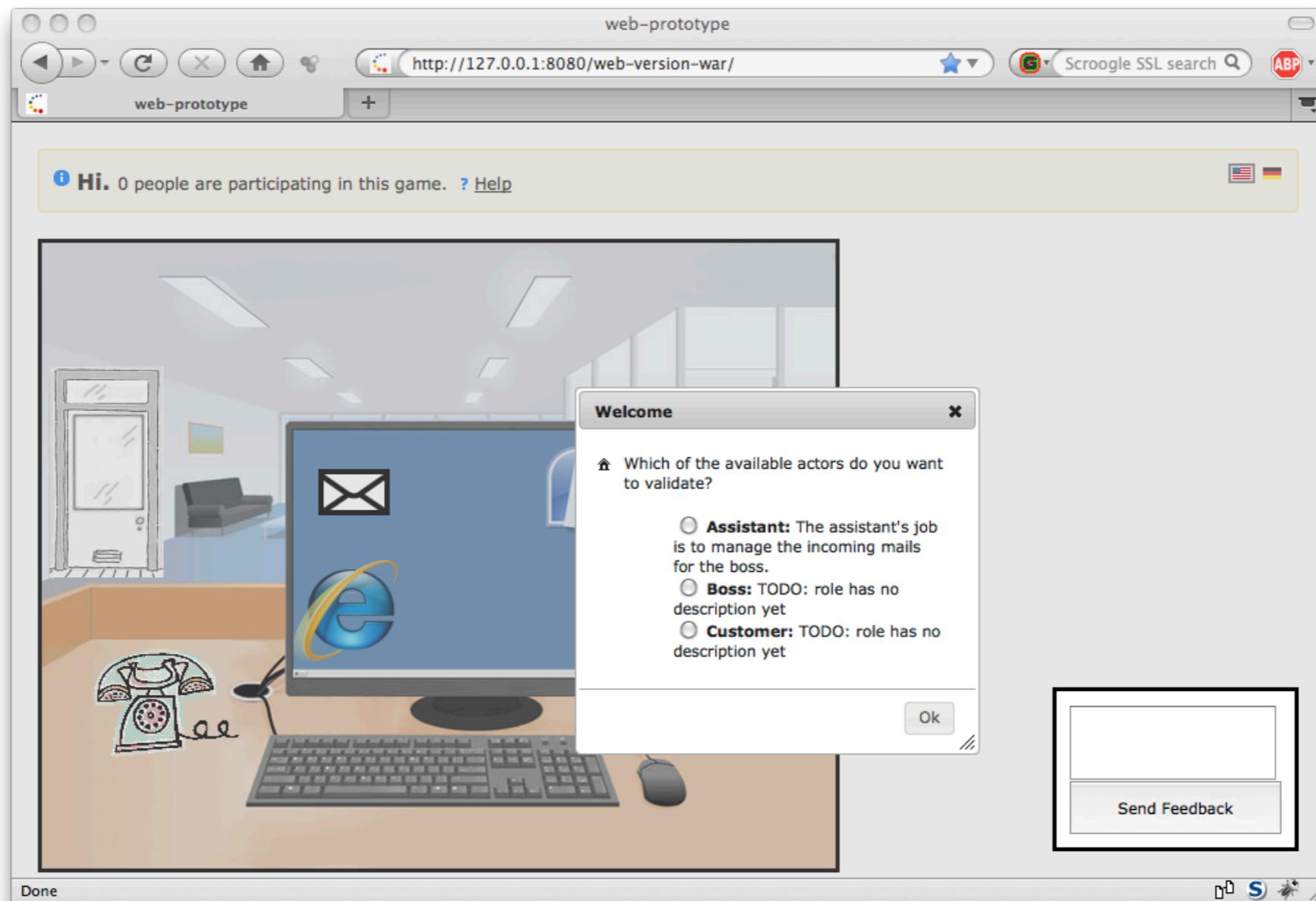
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- Formal models support the management of requirements
- Stakeholders are usually not able to understand formally captured requirements
  - Inhibits them from providing feedback

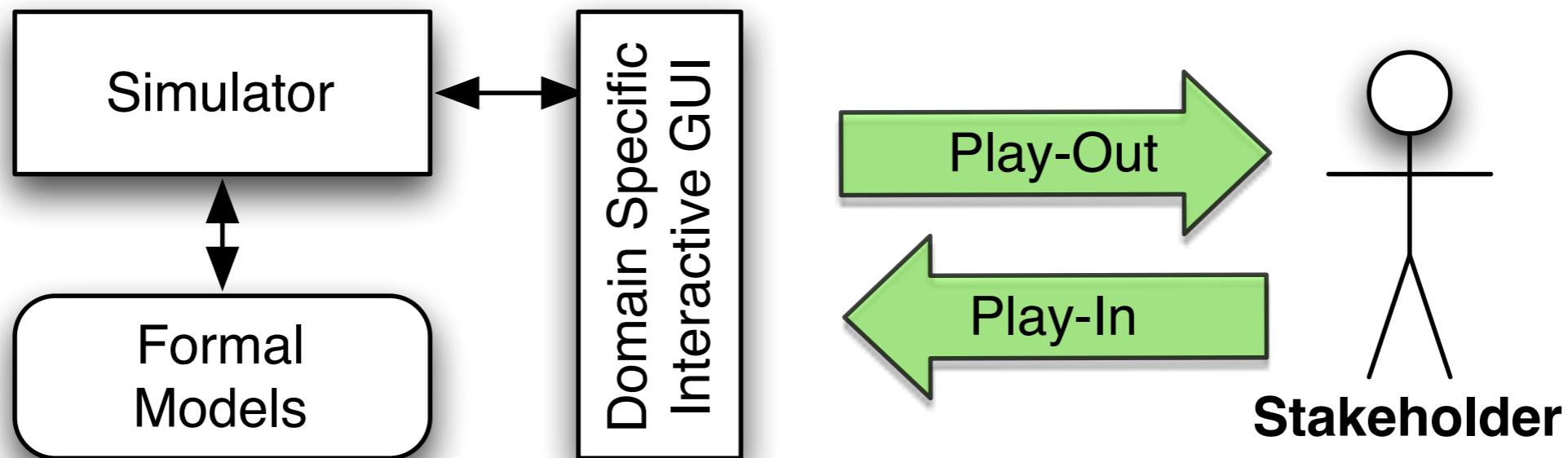


# Approach

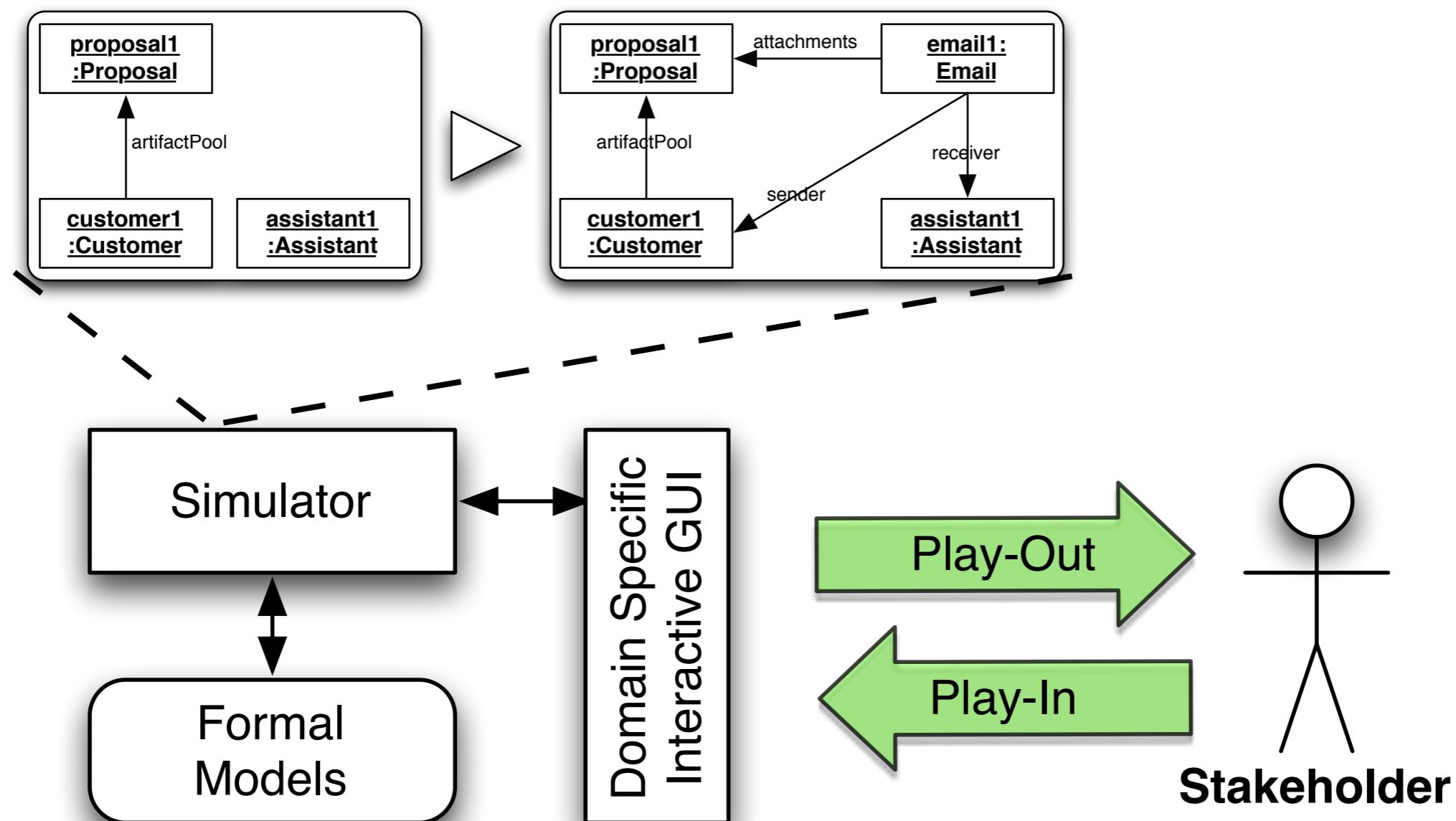
- Creating intuitive interpretation of the formal models
  - Simulation and visualization for stakeholders



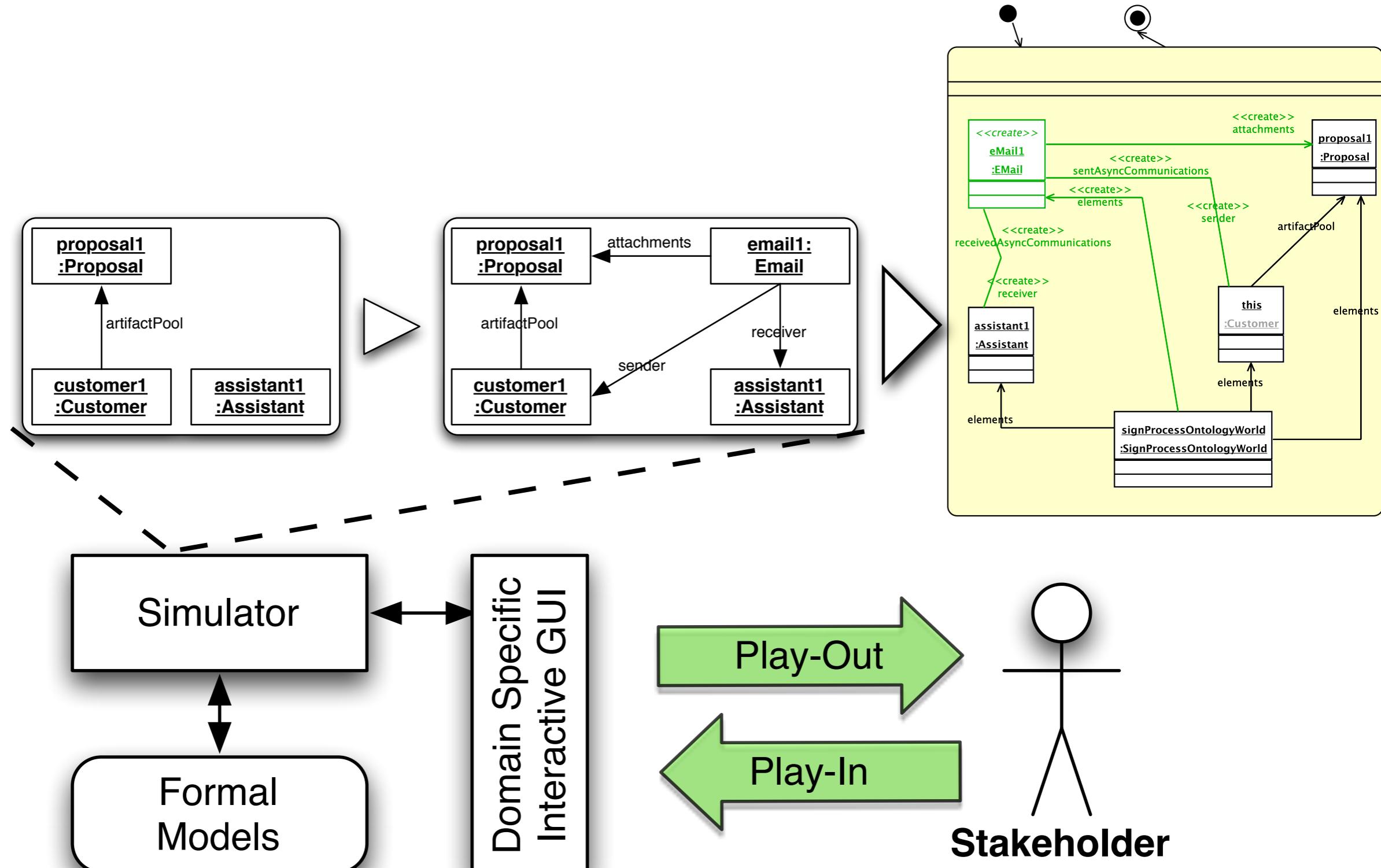
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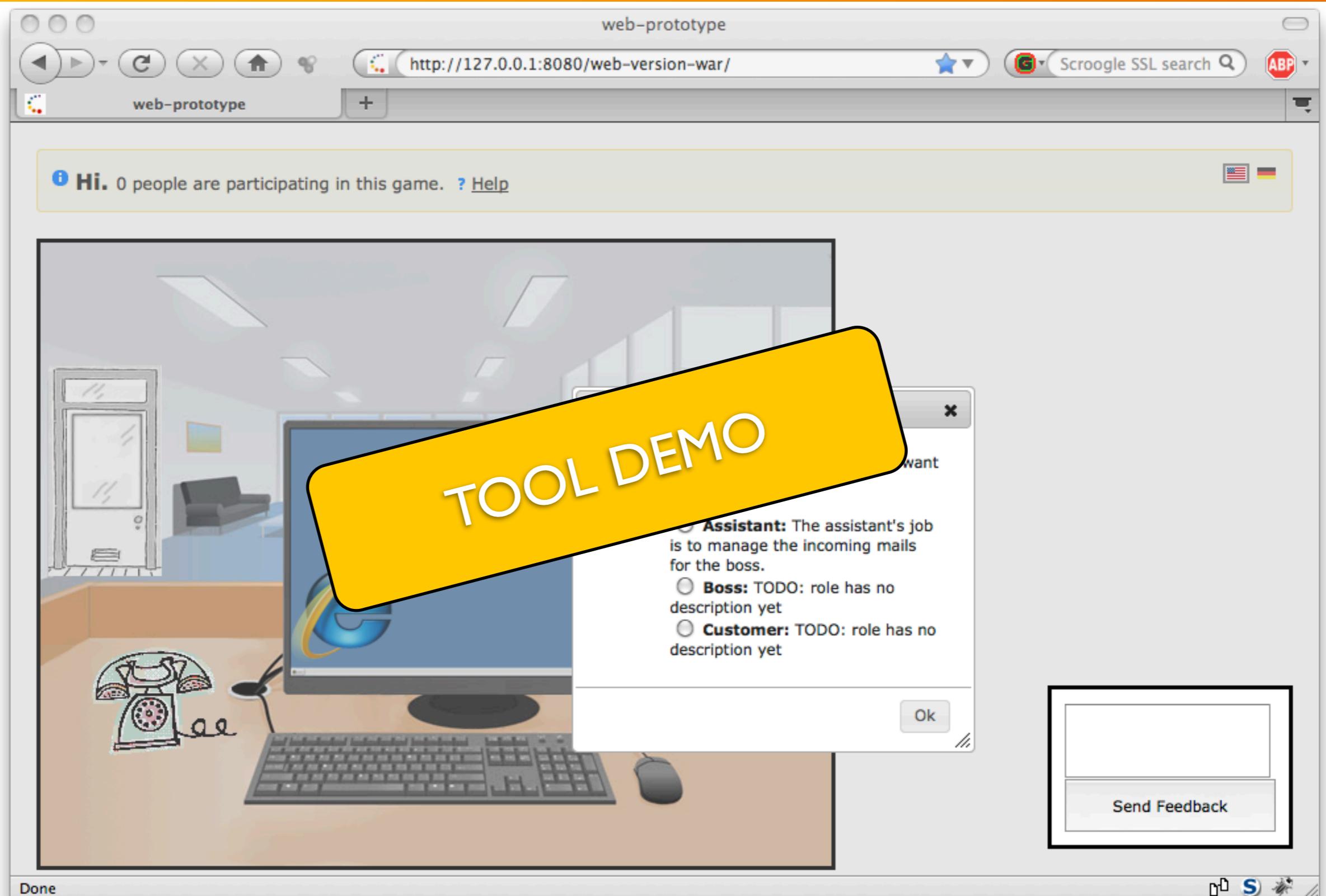


# Approach



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# Future Work

- Lead the user to identified inconsistencies
  - Abstraction from Natural Language Communication towards *Facts*
  - GMF Editors suitable for stakeholders
  - Improvement of algorithms

