Privacy-Aware Socially Intelligent Applications

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Policy-Governed Secure Collaboration
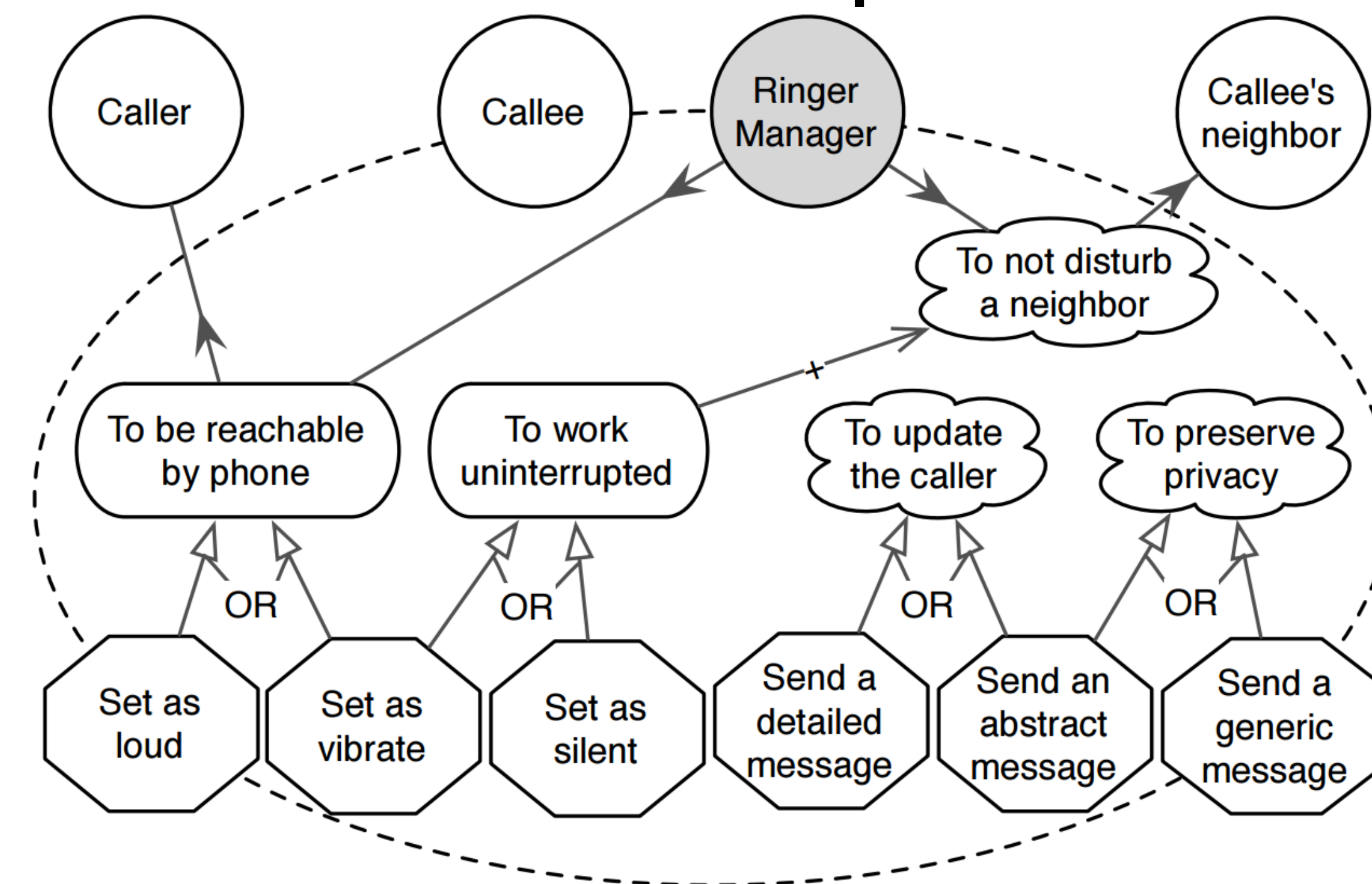
Ringer Manager: A Social Application
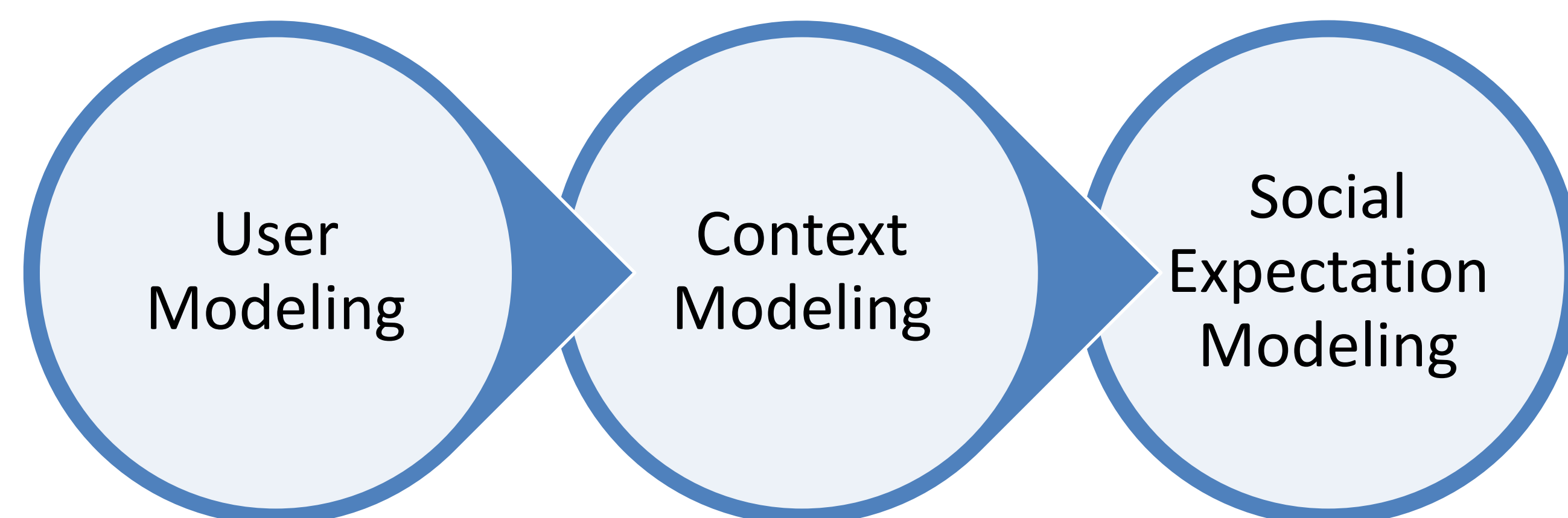

Privacy Concerns
- Intrusion
- Disclosure
- Disapprobation

Innovations & Uniqueness

- Capture design-time social requirements
- Adapt to run-time social requirements

ARNOR: A Norm-based Approach

User Modeling → Context Modeling → Social Expectation Modeling

- Capture social expectations to serve stakeholders' social requirements
- Determine effects of stakeholders' actions on social expectations

Benefits & Deliverables

- Better quality models and faster implementation
- Application promoting higher social experience
- Testbed to evaluate socially intelligent applications

Seeking collaborators with interesting problems or data pertaining to:
- Security and privacy policies related to social applications

Science of Security Lablet

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