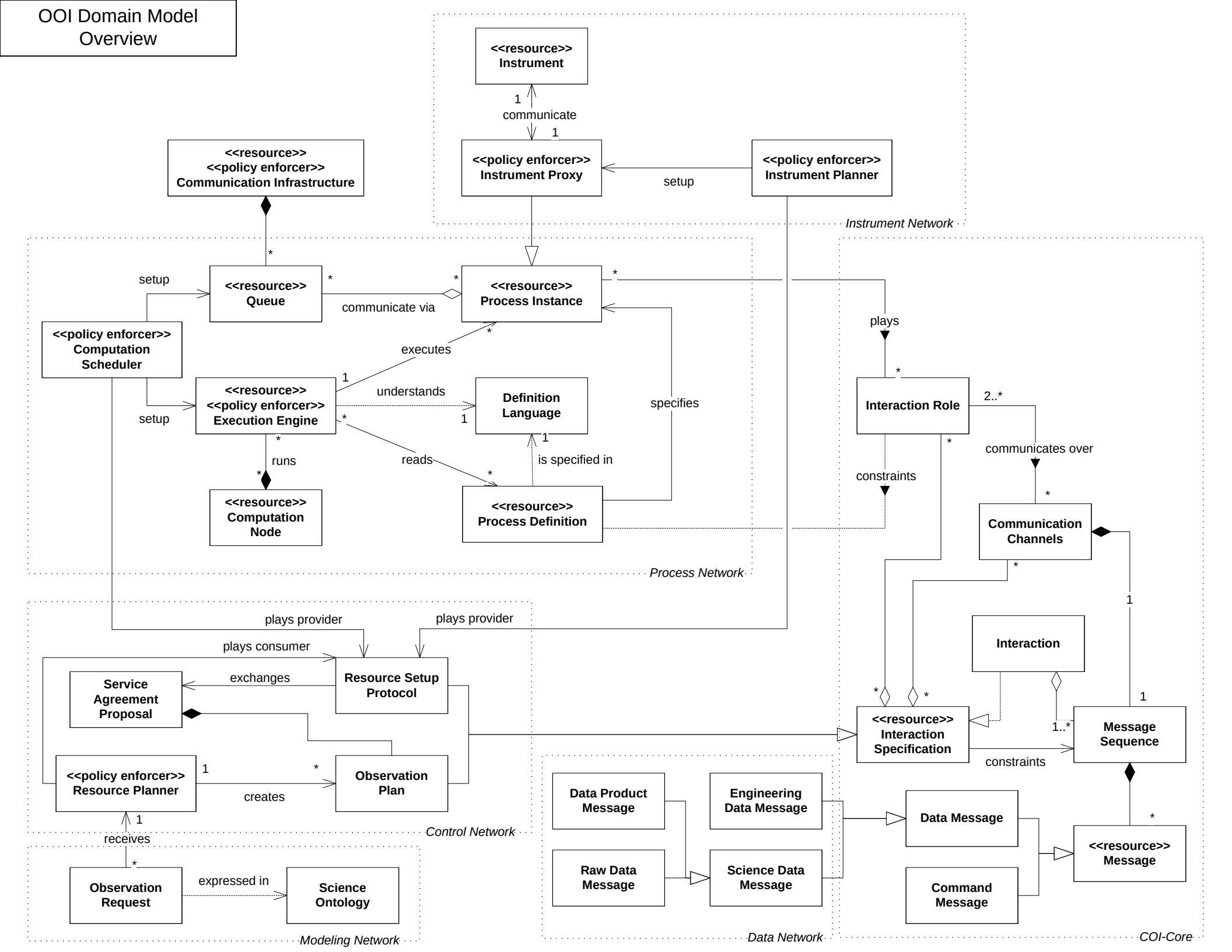
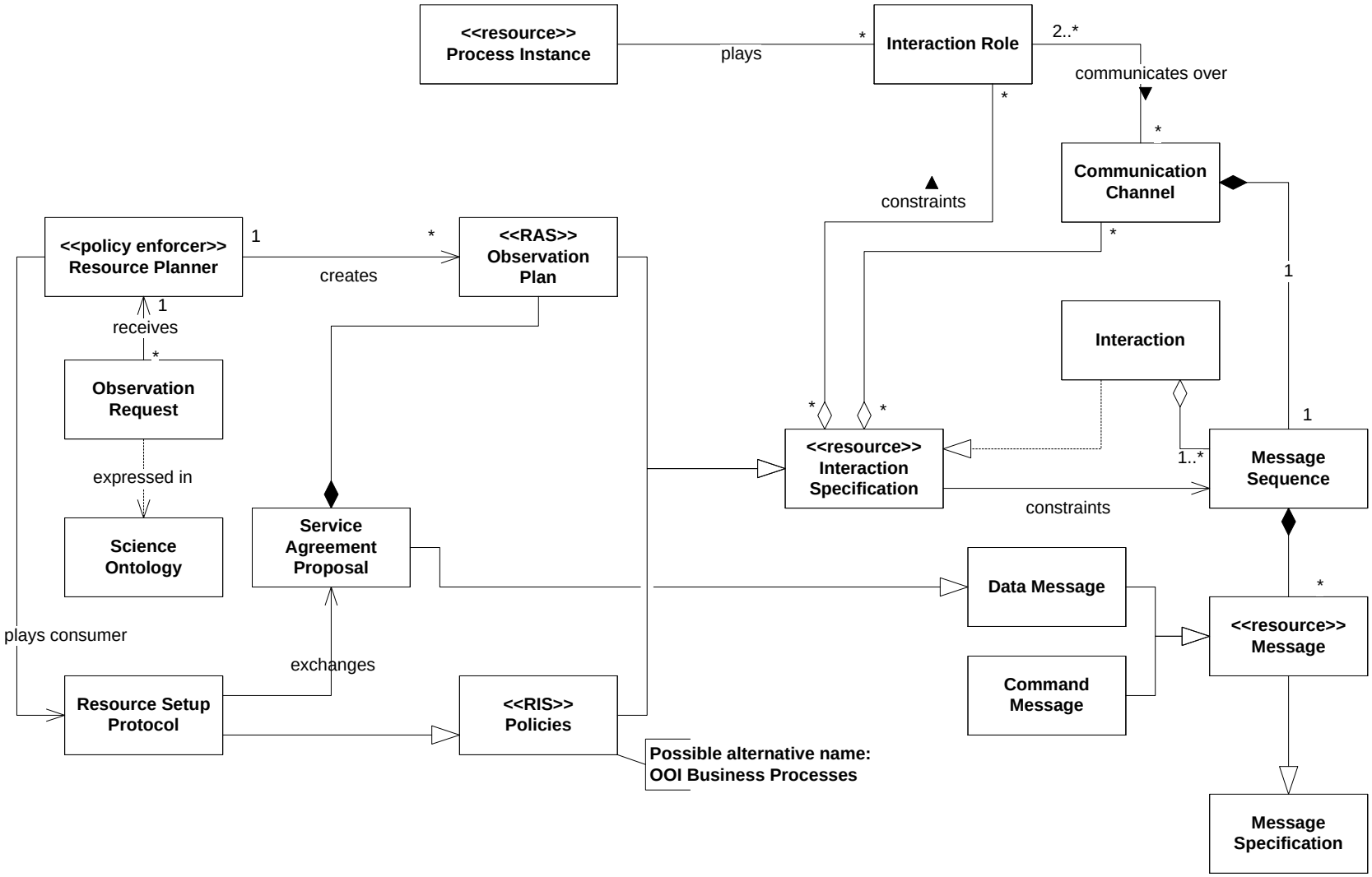
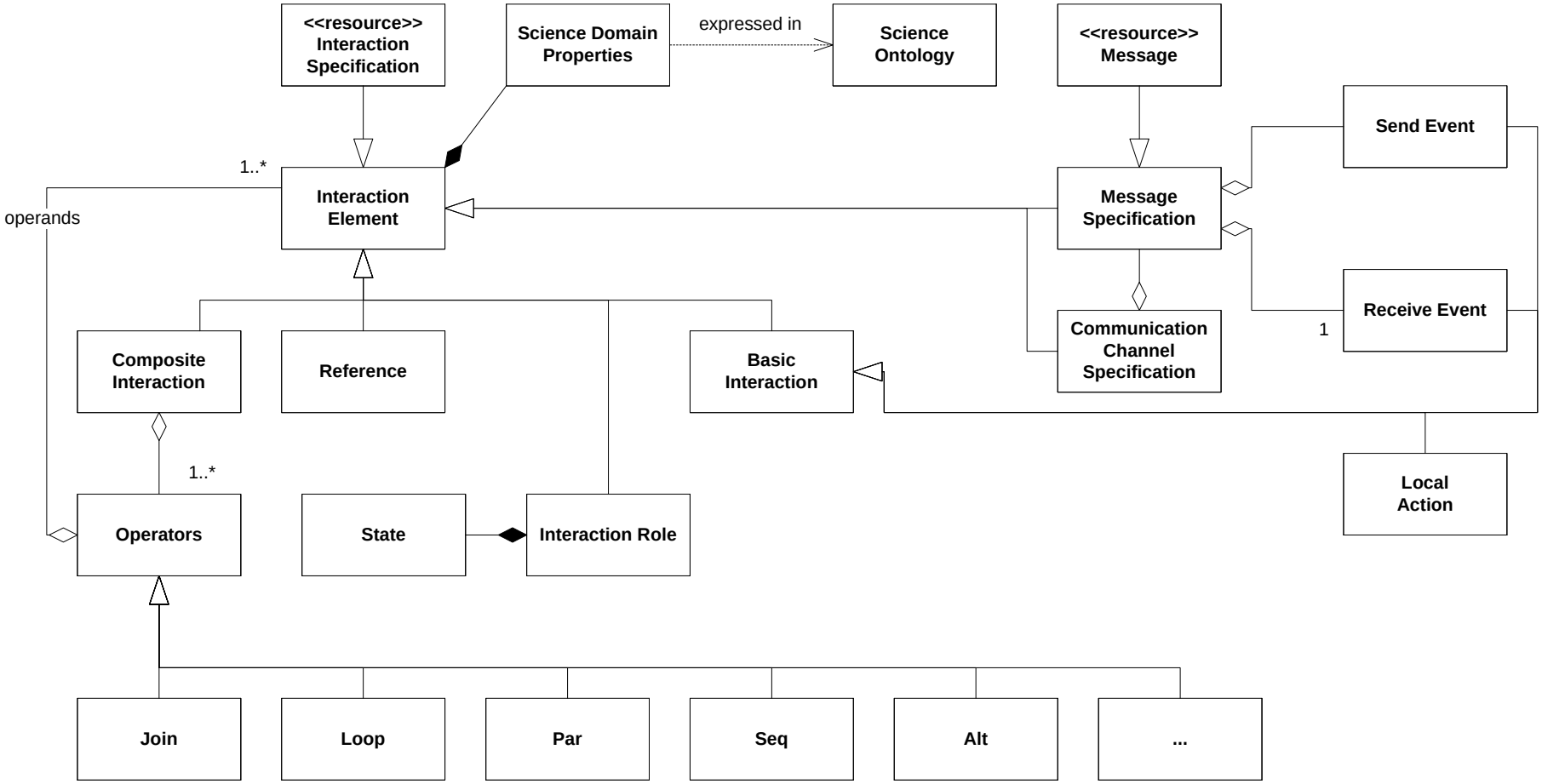
OOI Domain Model Overview



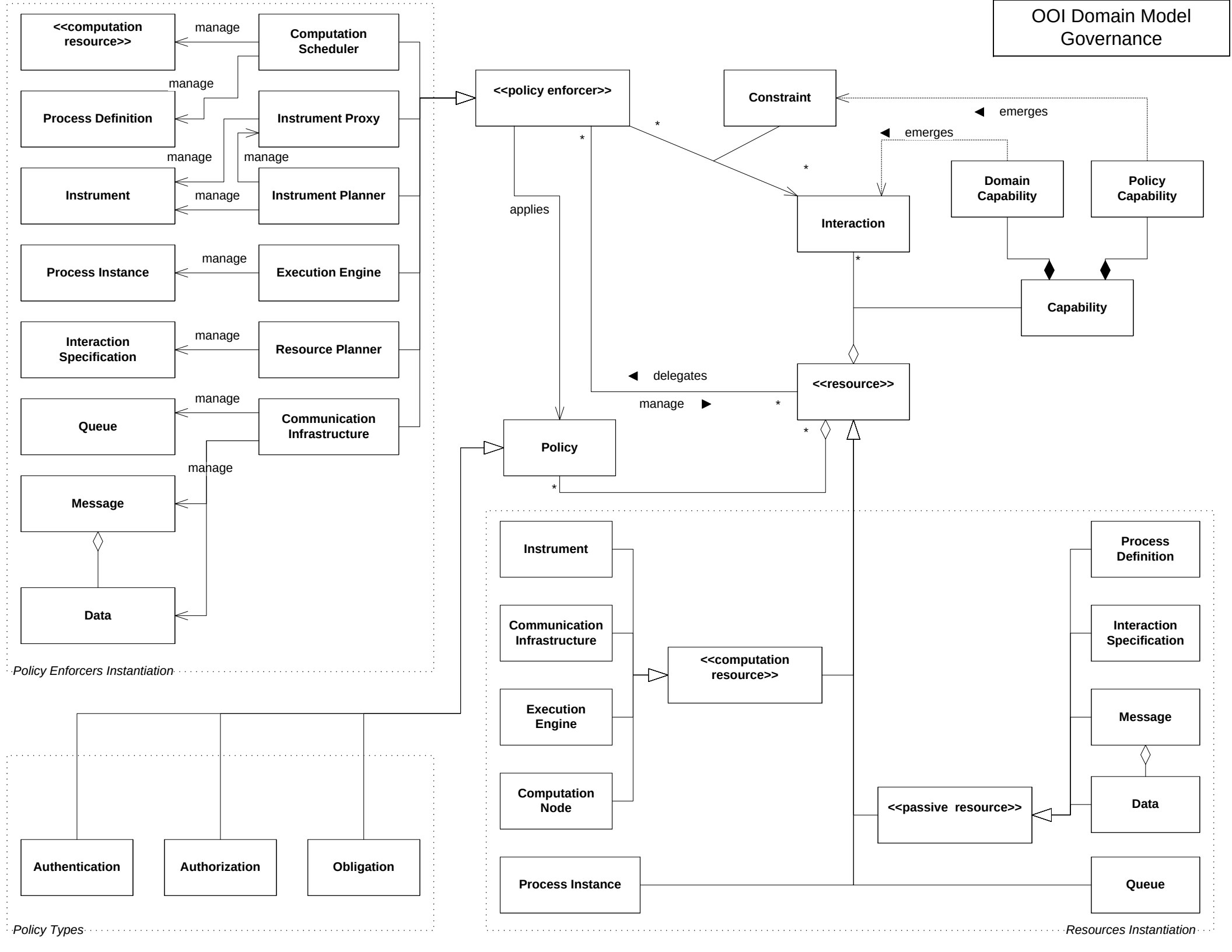
OOI Domain Model Interaction



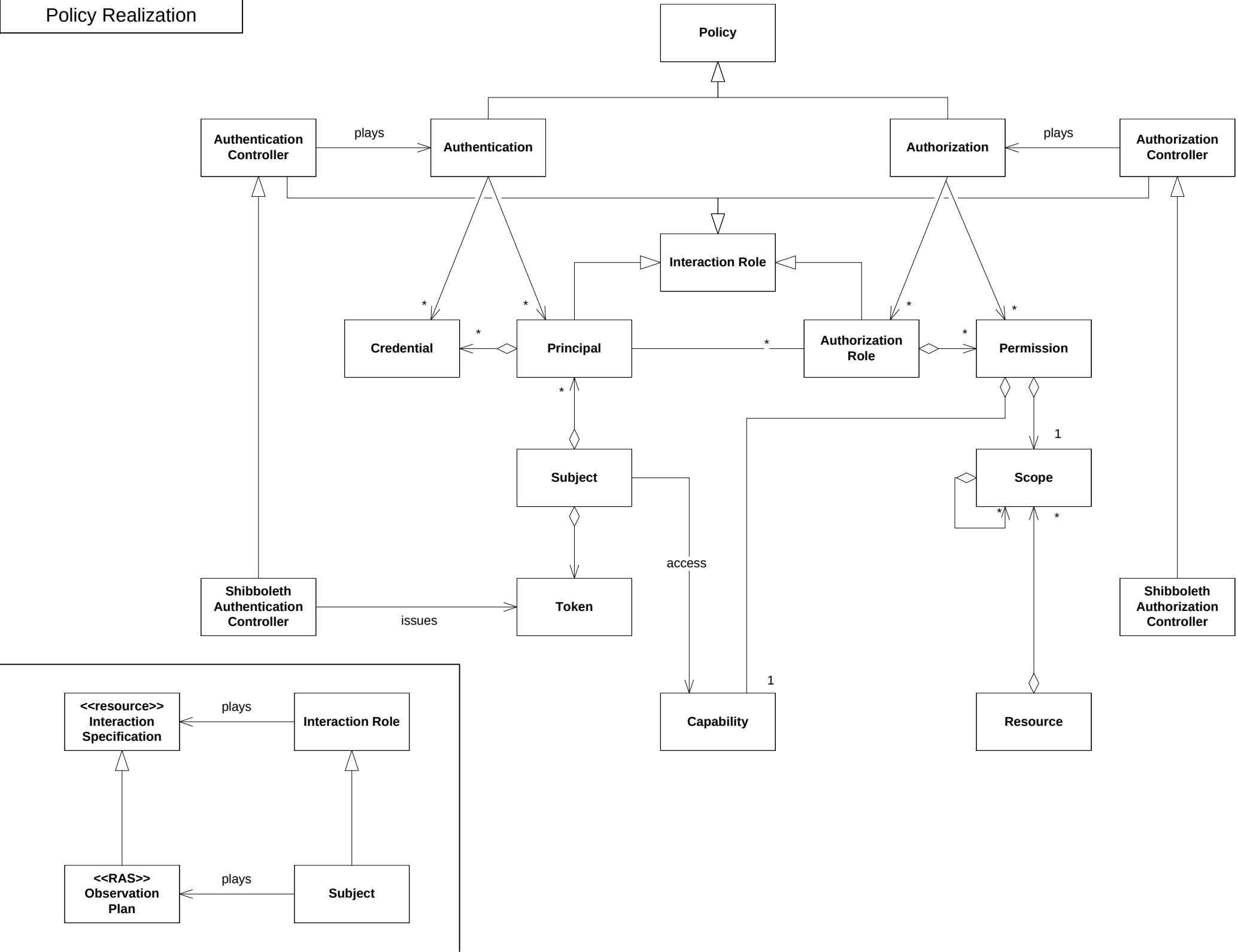
OOI Domain Model
Interaction Specification



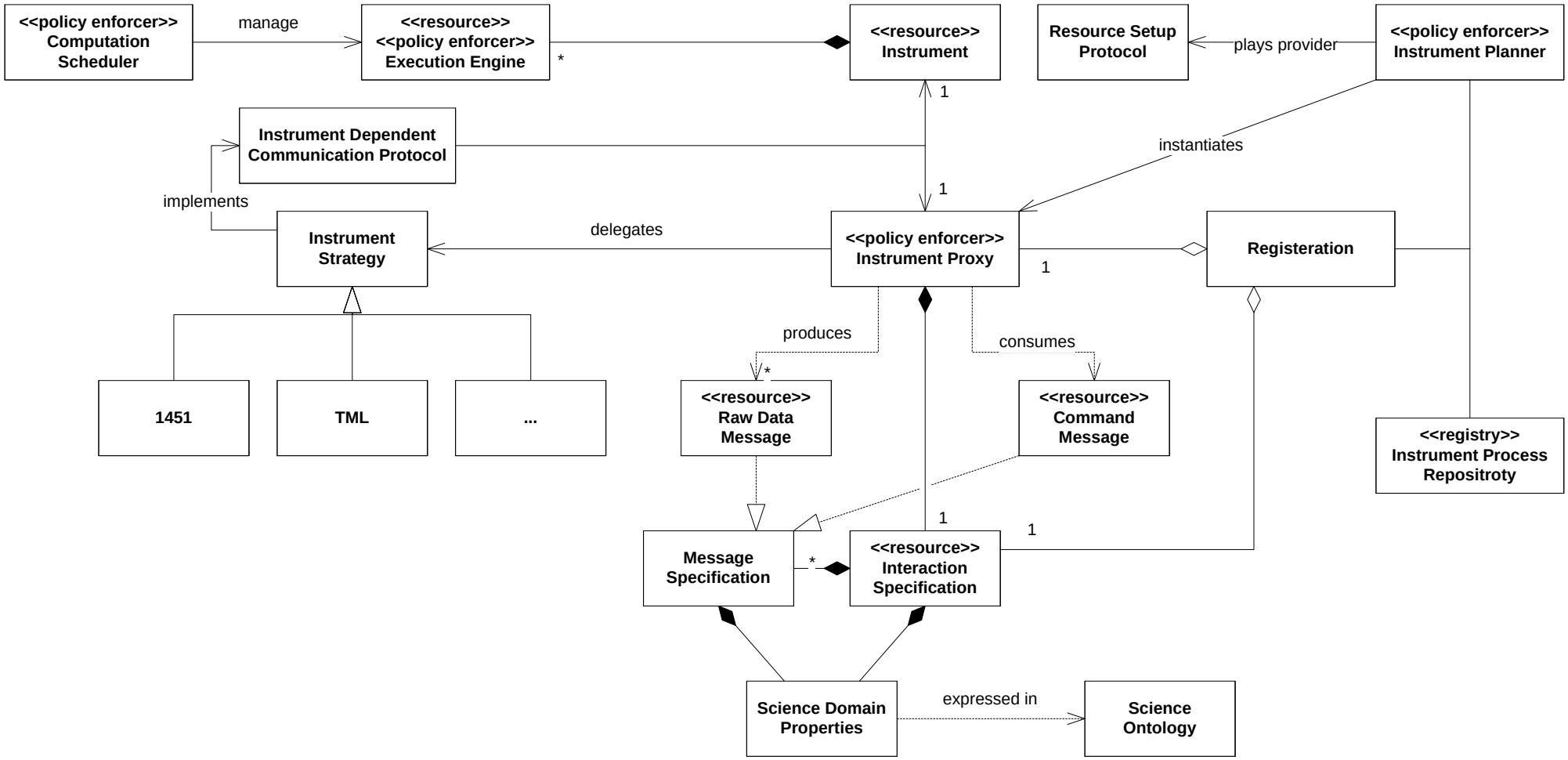
OOI Domain Model
Process


OOI Domain Model Governance
<<computation resource>>
manage
Computation Scheduler
manage
Process Definition
Instrument Proxy
manage
manage
Instrument
manage
Instrument Planner
Process Instance
manage
Execution Engine
Interaction Specification
manage
Resource Planner
Queue
manage
Communication Infrastructure
manage
Message
Data
Policy Enforcers Instantiation
<<policy enforcer>>
Constraint
emerges
emerges
Domain Capability
Policy Capability
Interaction
applies
Capability
delegates
manage
<<resource>>
Policy
Instrument
Communication Infrastructure
Execution Engine
Computation Node
<<computation resource>>
Process Definition
Interaction Specification
Message
Data
<<passive resource>>
Process Instance
Queue
Resources Instantiation
Authentication
Authorization
Obligation
Policy Types

OOI Domain Model
Policy Realization



OOI Domain Model Instrument



OOI Domain Model
Instrument Platform

OOI Domain Model
Science Ontology

OOI Domain Model
Data