

A Design of An Authorization Service

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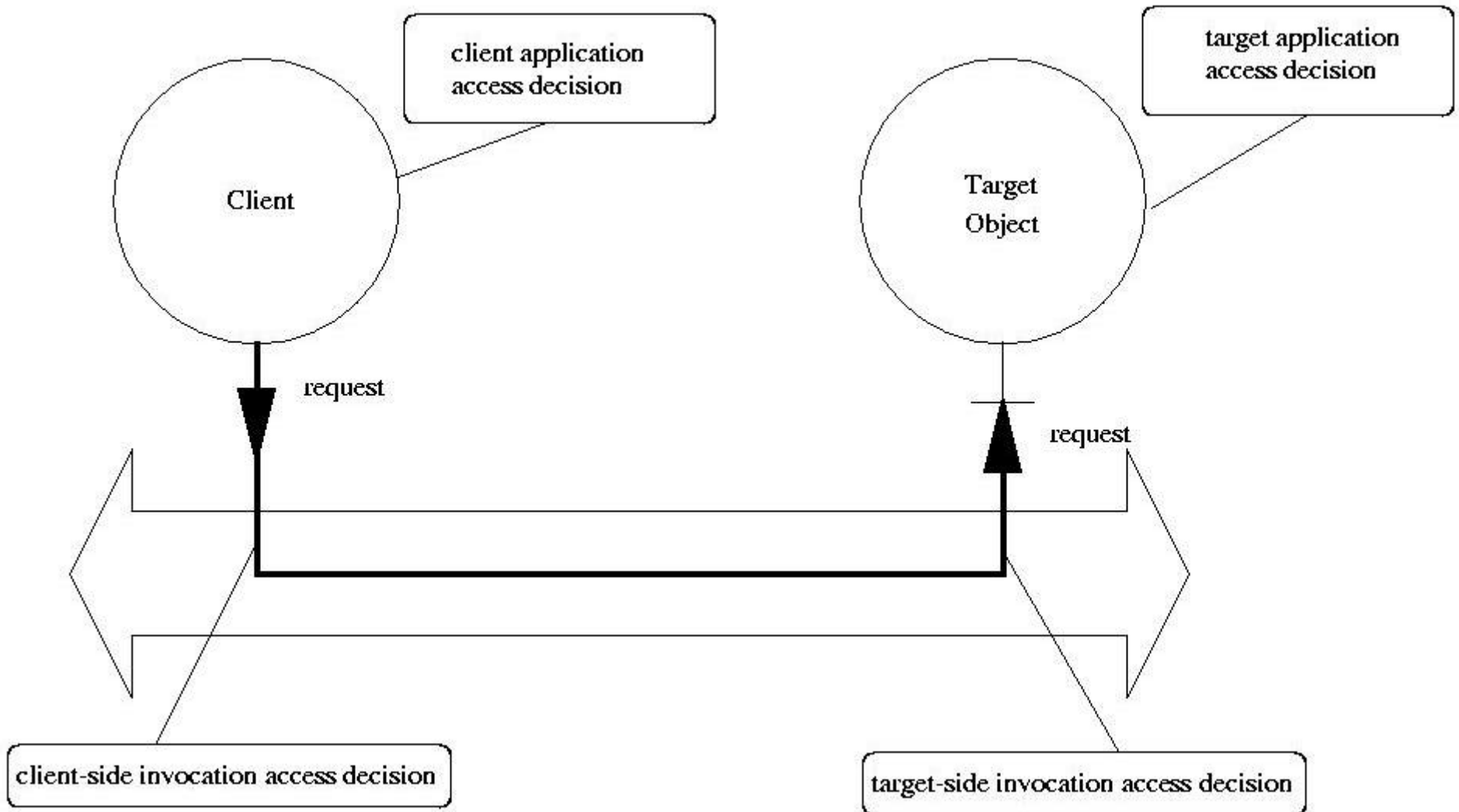
Today Objectives

- Critically analyze:
 - the prototype objectives
 - the design
 - directions
 - details

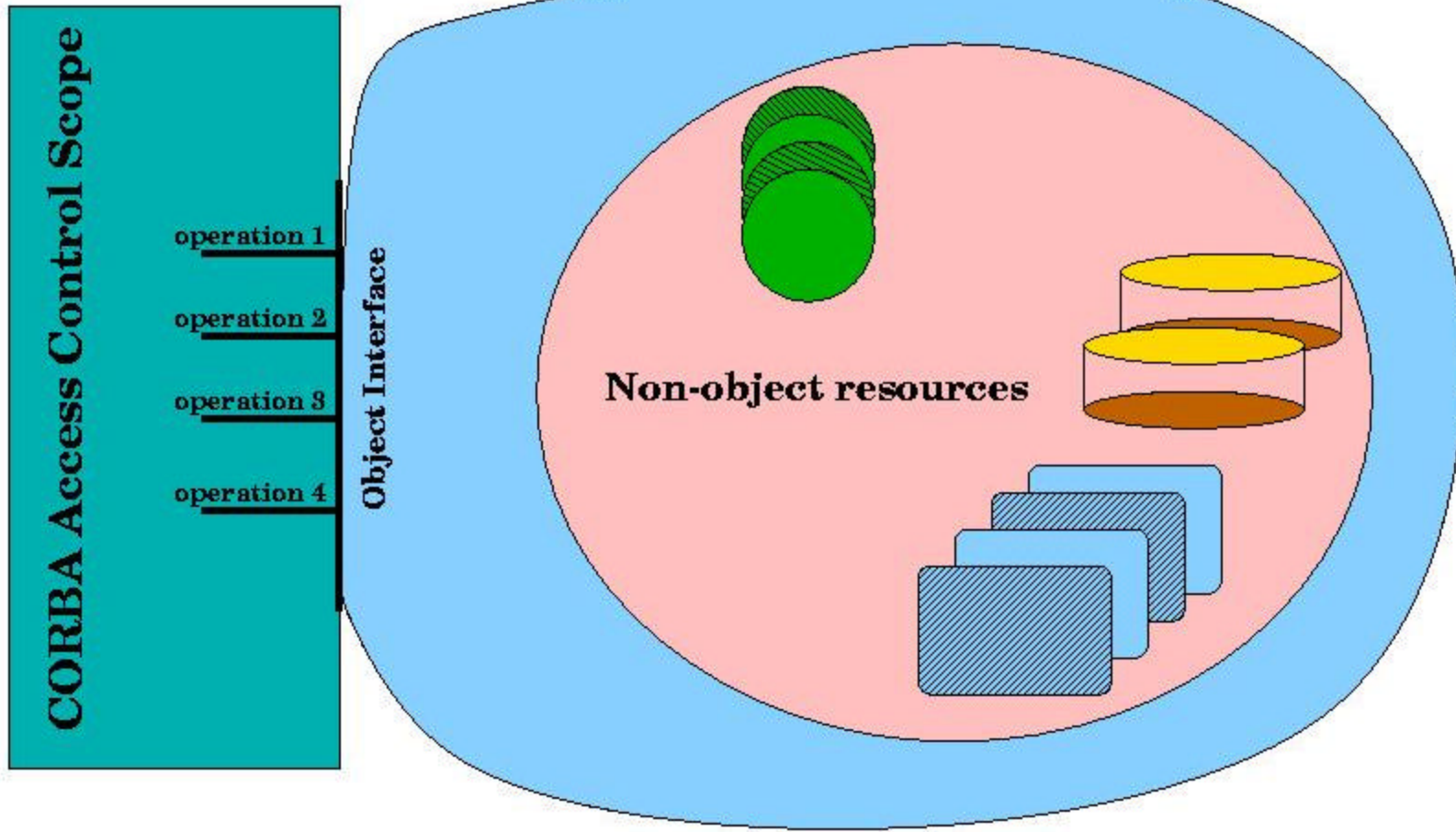
What Will Be Discussed

- CORBA security model
- What CORBA Access Model does[not] Cover
- Healthcare Resource Access Control (H-RAC) high level view
- Authorization Service framework design details

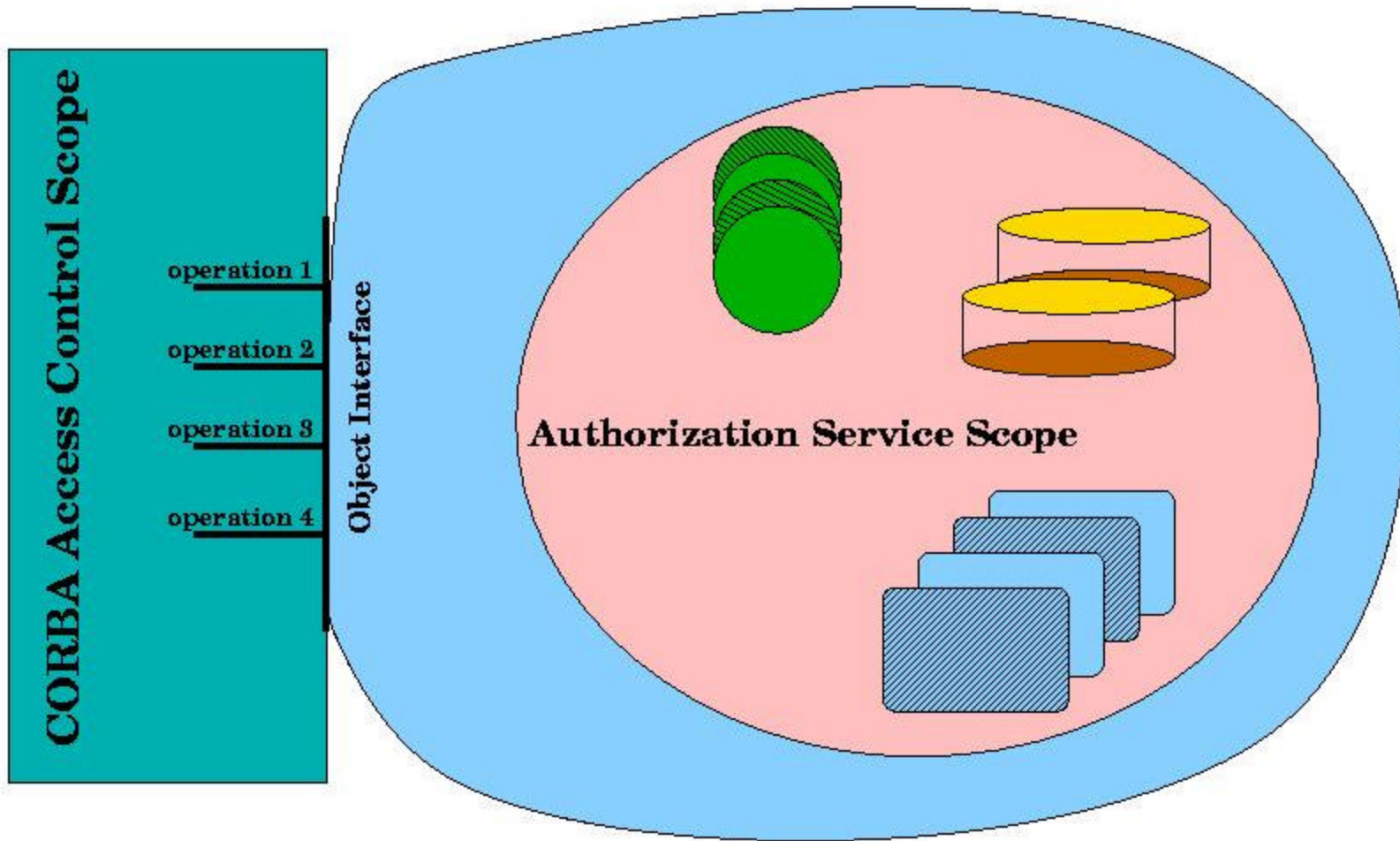
CORBA Access Control Model



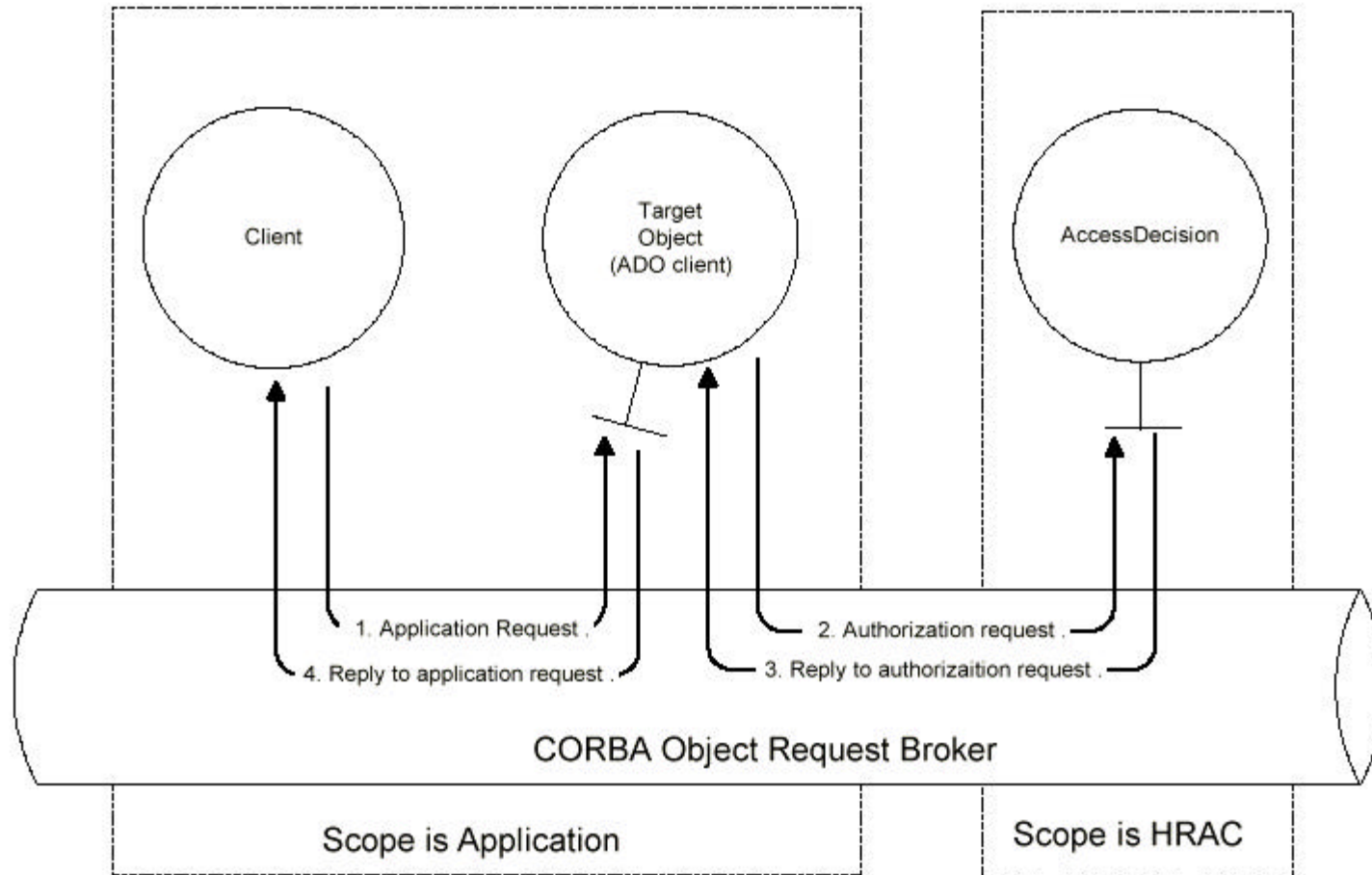
CORBASEC Does Not Cover Non-Object Entities



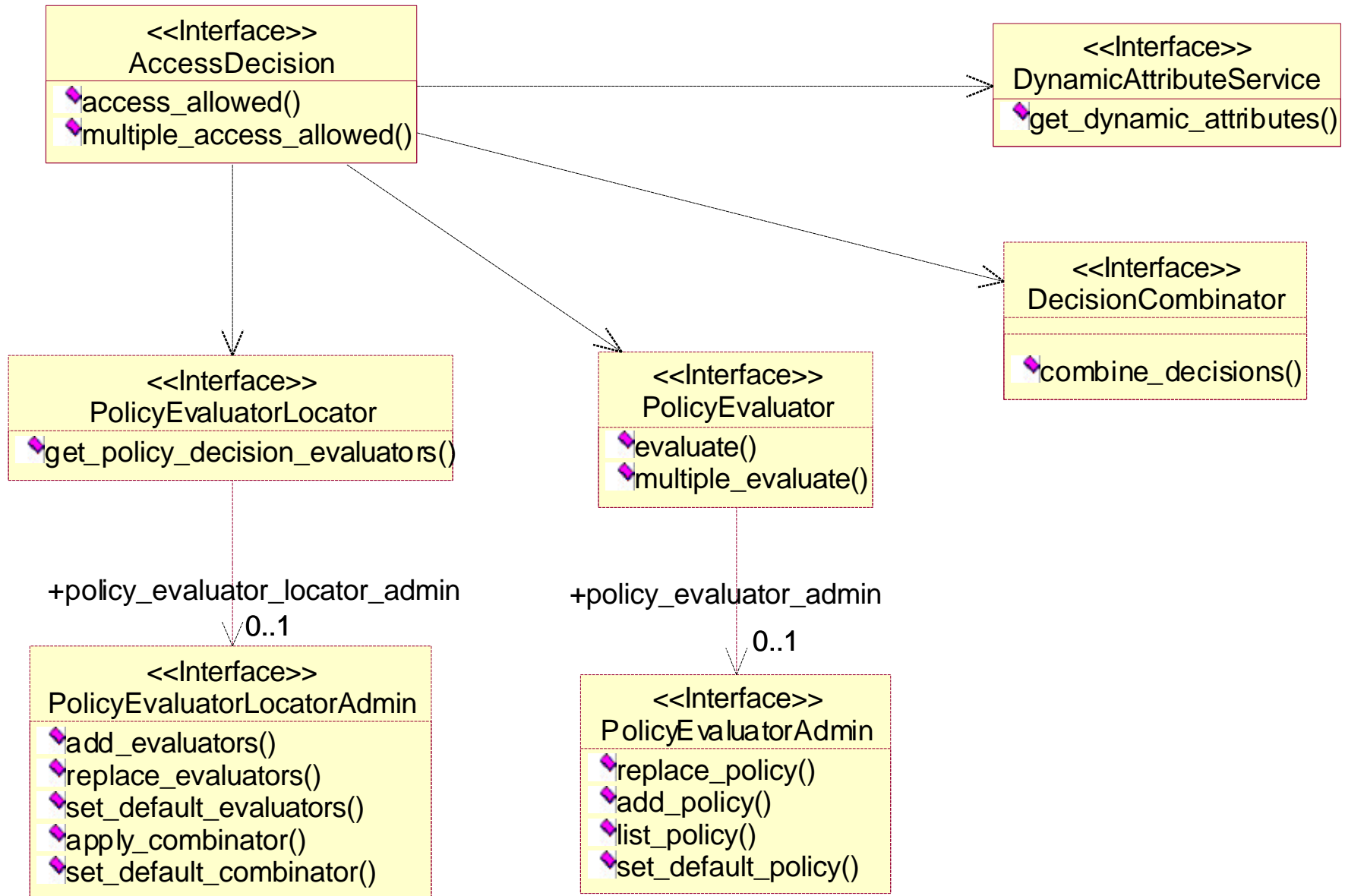
HRAC Compliments CORBASEC



HRAC High Level View



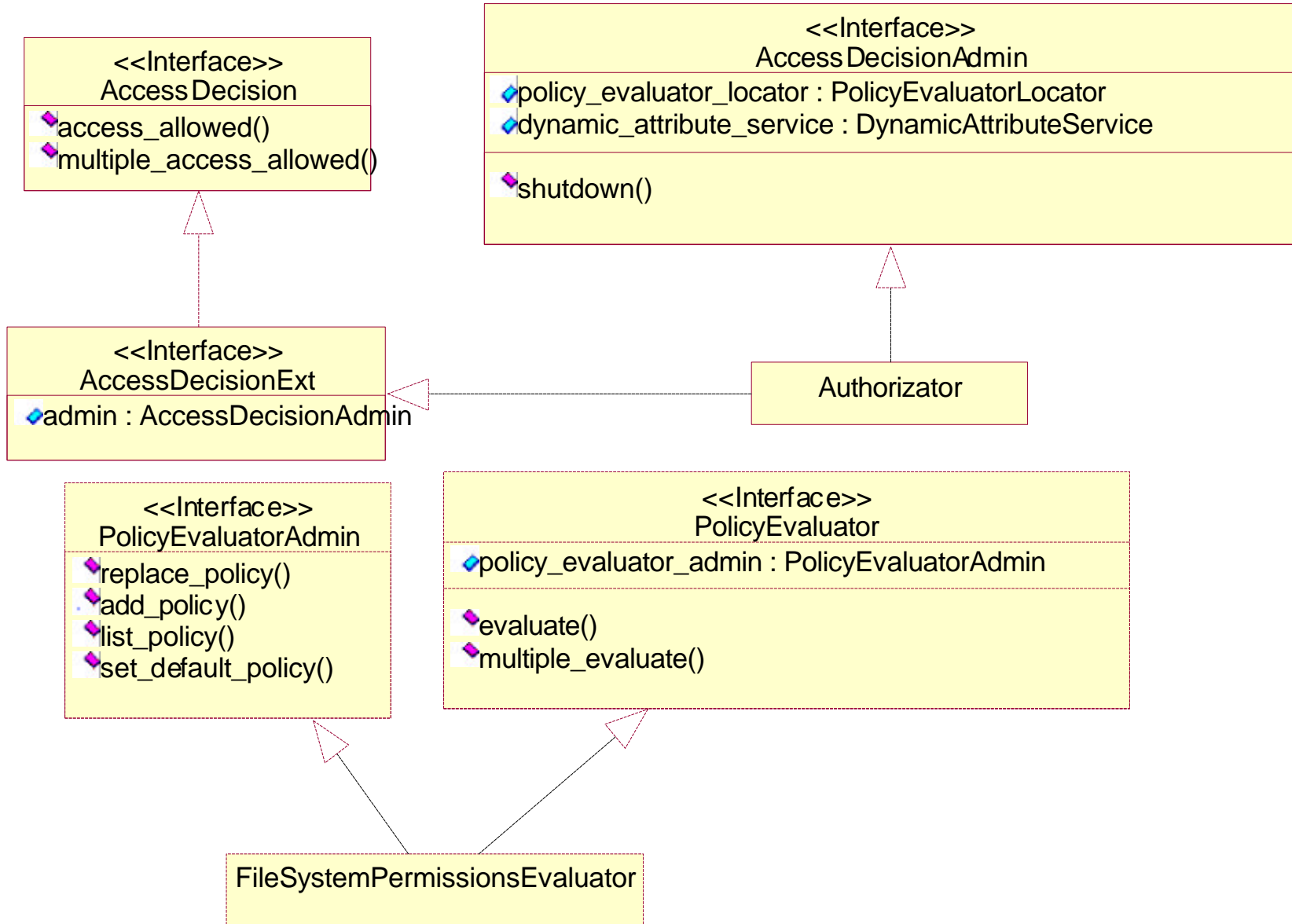
HRAC model: logical view



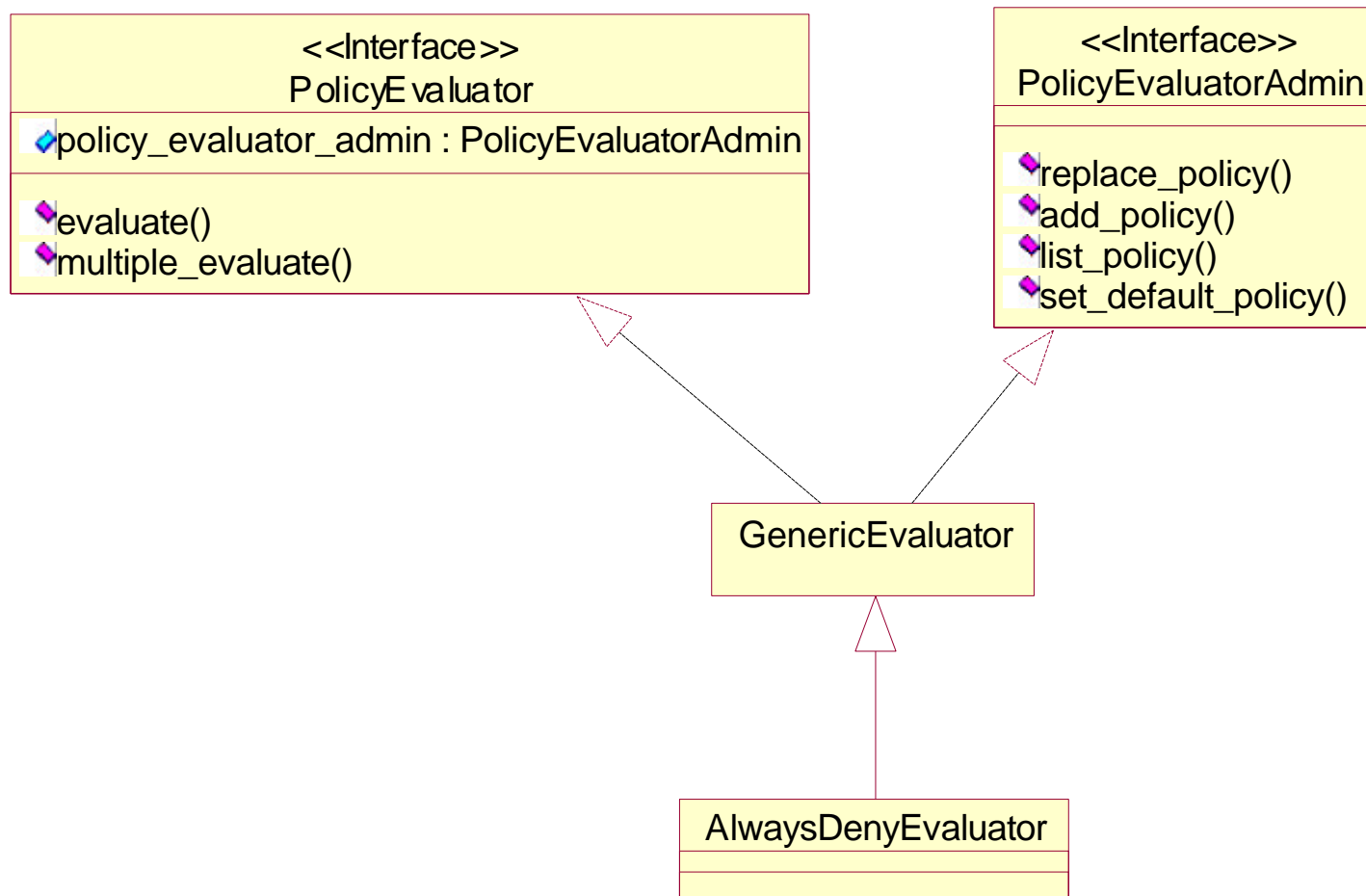
Authorization Service Implementation Objectives

- Create a framework for future
 - experiments
 - proofs of concepts
 - measurementson authorization systems
- HRAC feasibility proof

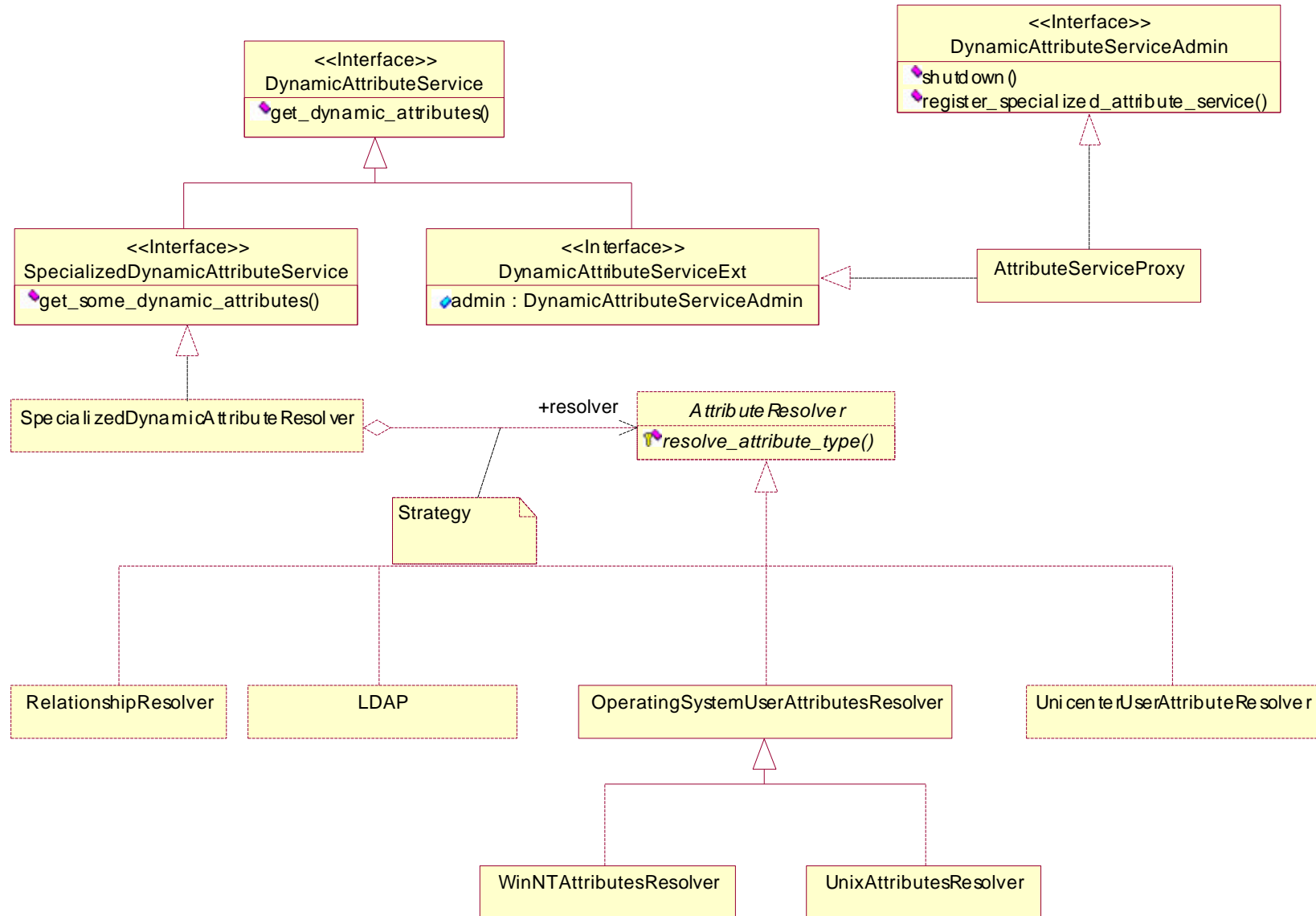
Authorization Service Impl. View 1/3



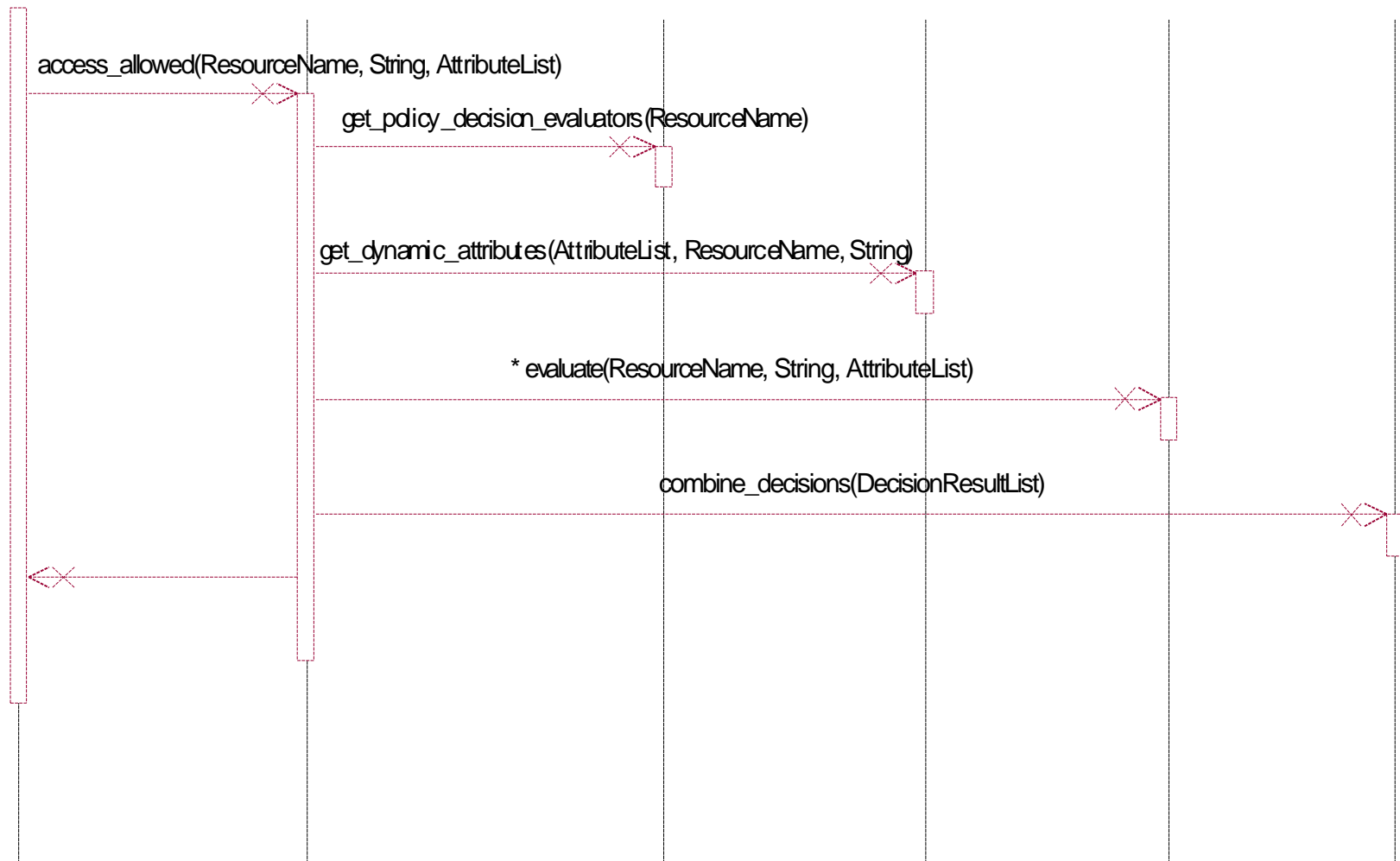
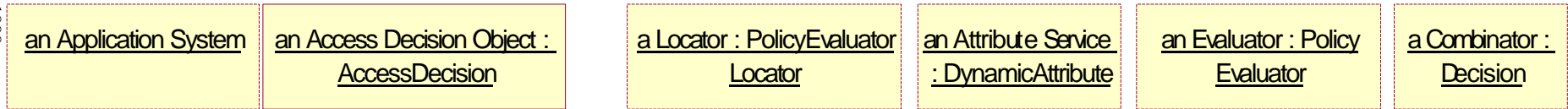
Authorization Service: Impl. View 2/3



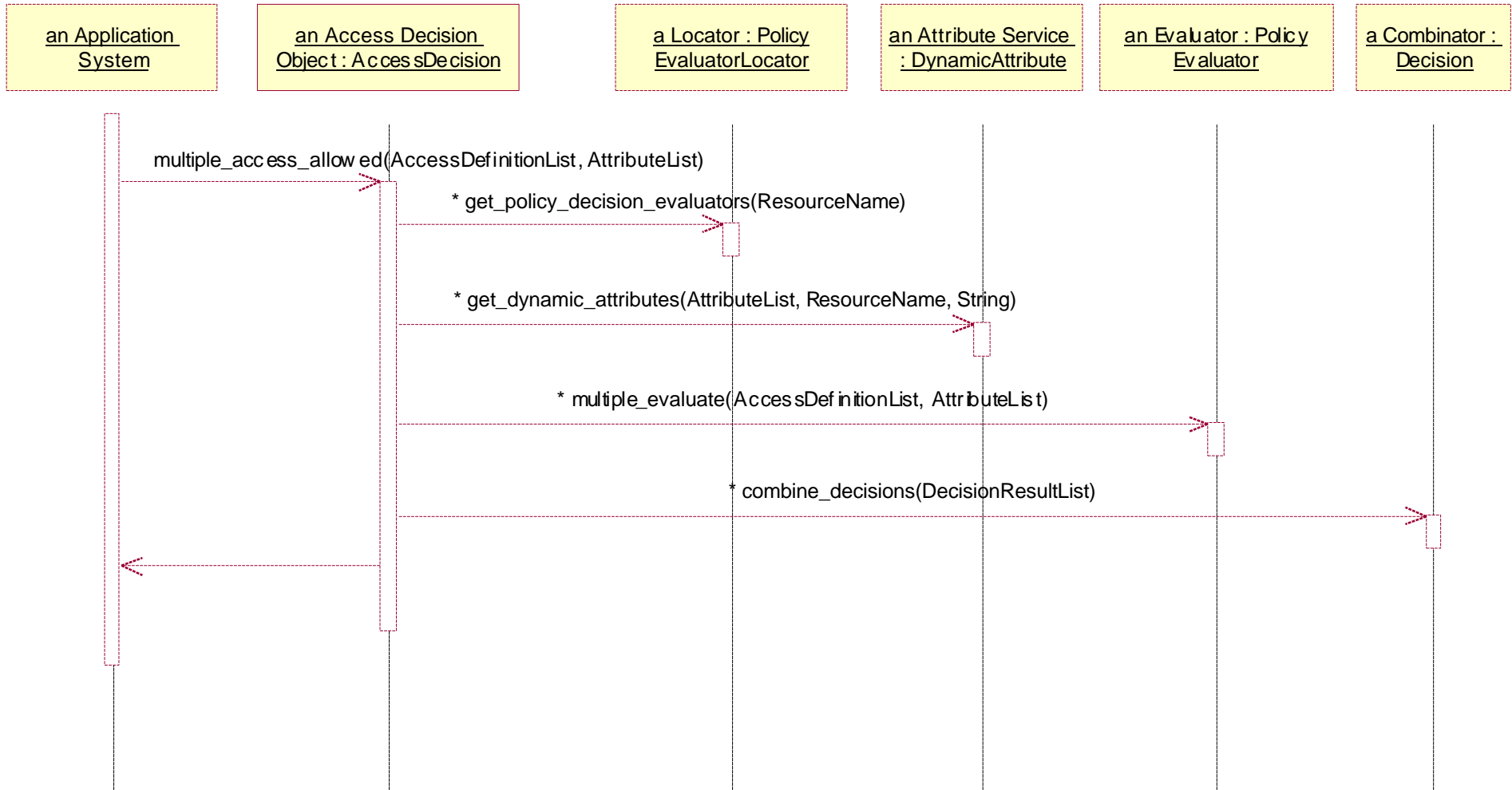
Authorization Service: Impl. View 3/3



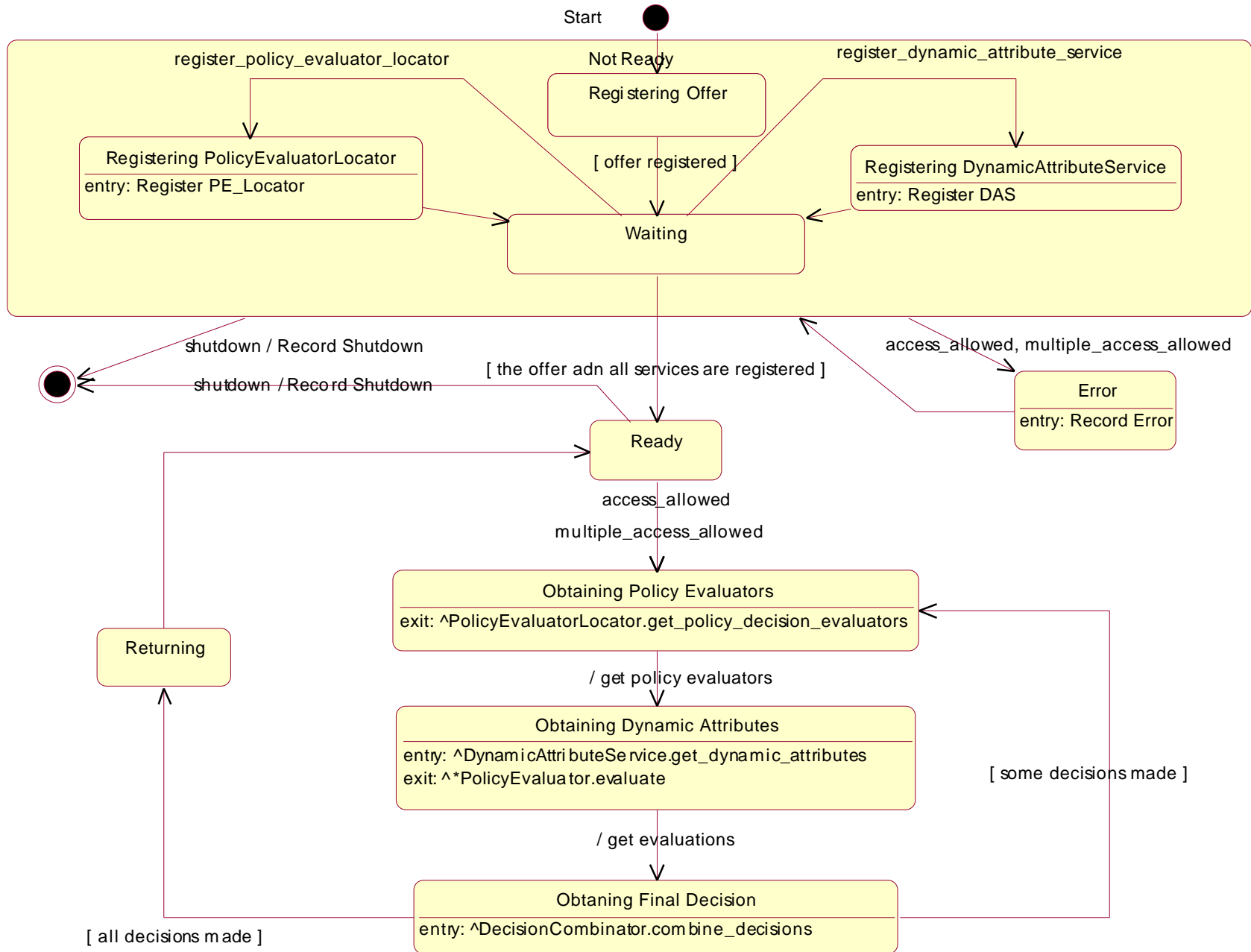
Authorization Service: Interact. View 1/2



Authorization Service: Interact. View 2/2



ADO State Diagram



Authorization Service: Component View

