

Upcoming OMG
HealthCare Resource Access
Control Facility

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Baptist Health Systems of South Florida



What Will Be Presented

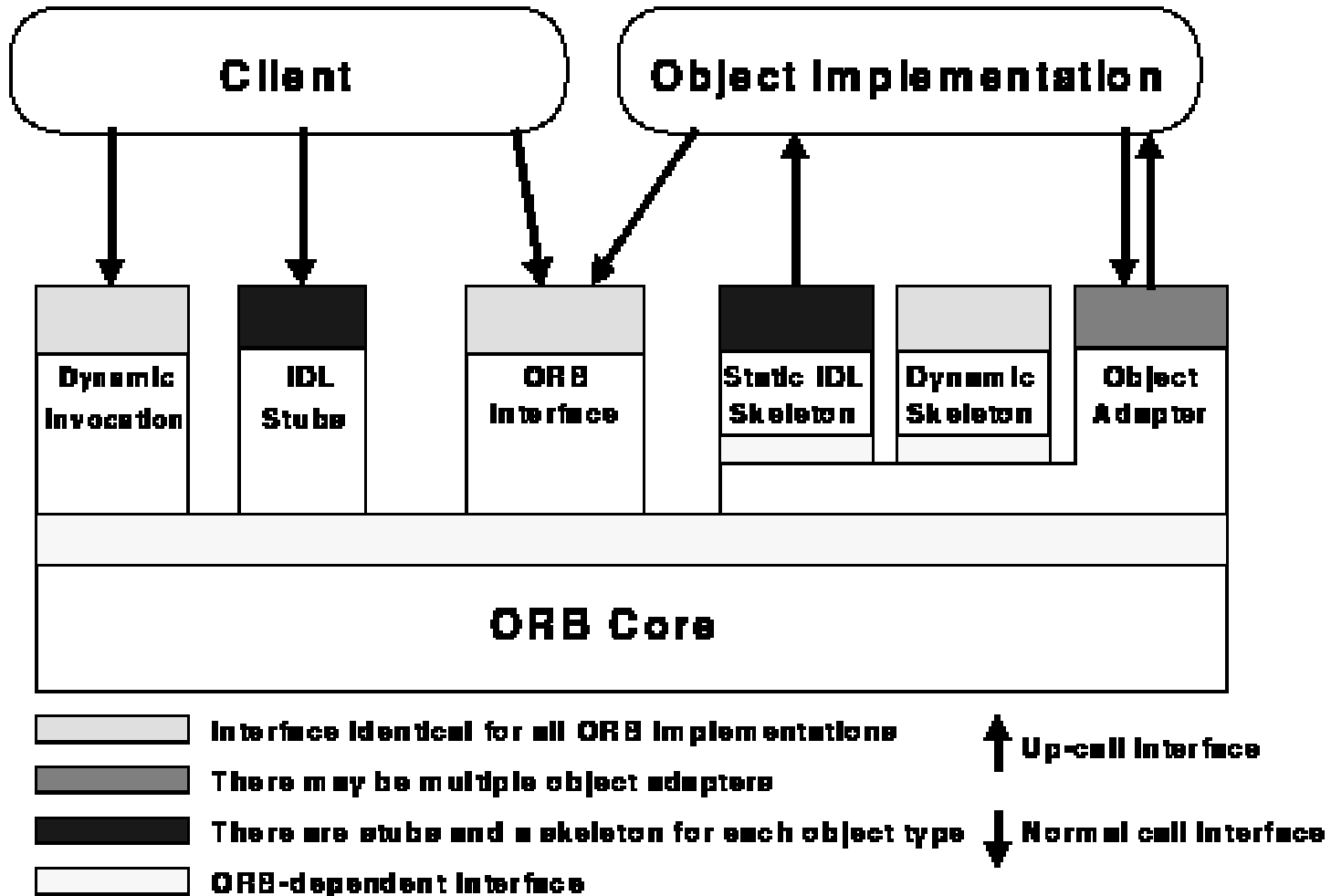
- CORBA in 5 minutes
- CORBA security model
- Why HRAC
- HRAC concepts
- HRAC framework design
- Work status

CORBA Foundations

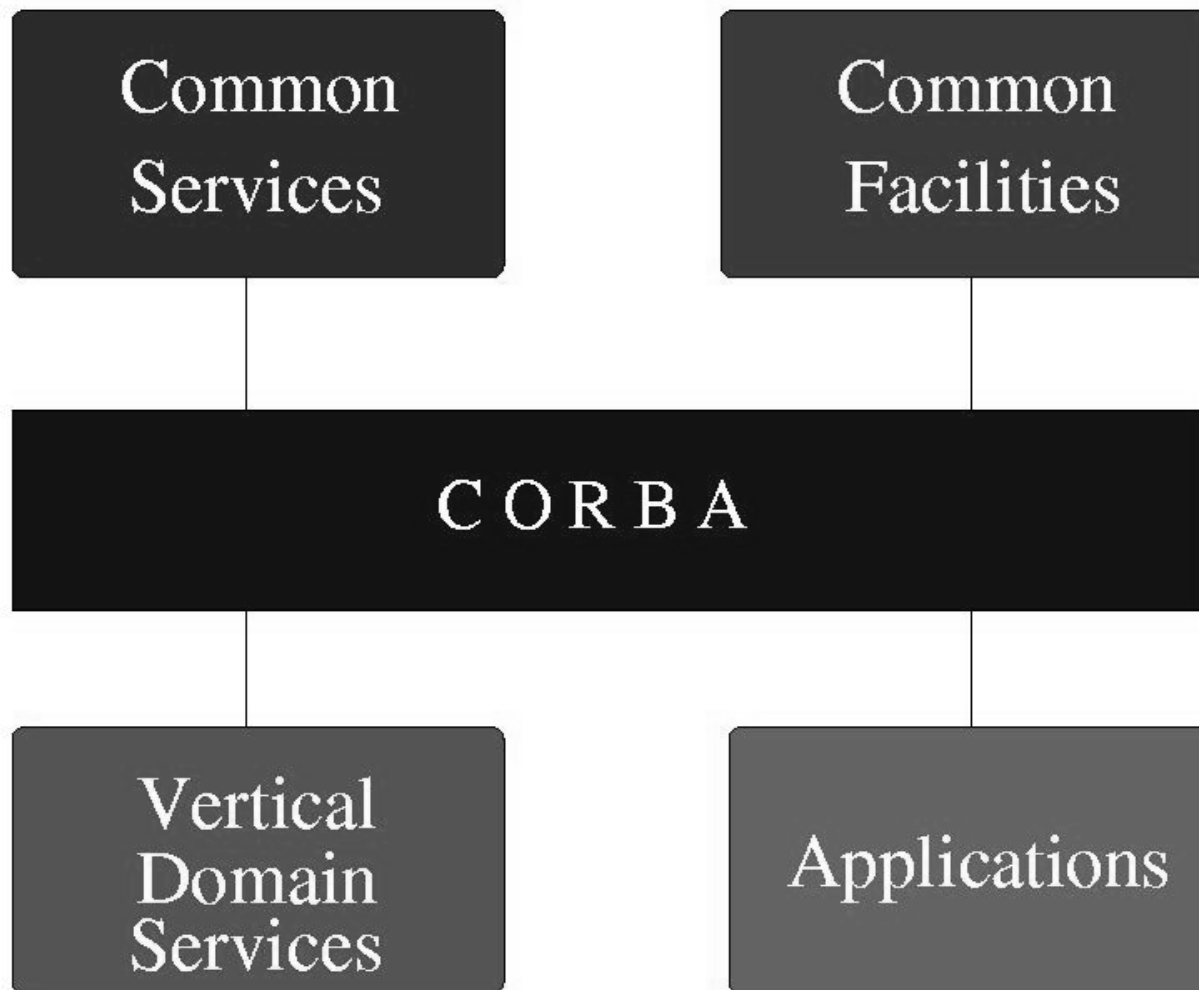
Common Object Request Broker Architecture

- specifies a system which
 - provides interoperability between objects in a heterogeneous, distributed environment and in a way that is transparent to the programmer.
- based on OMG Object Model

CORBA Communication Model



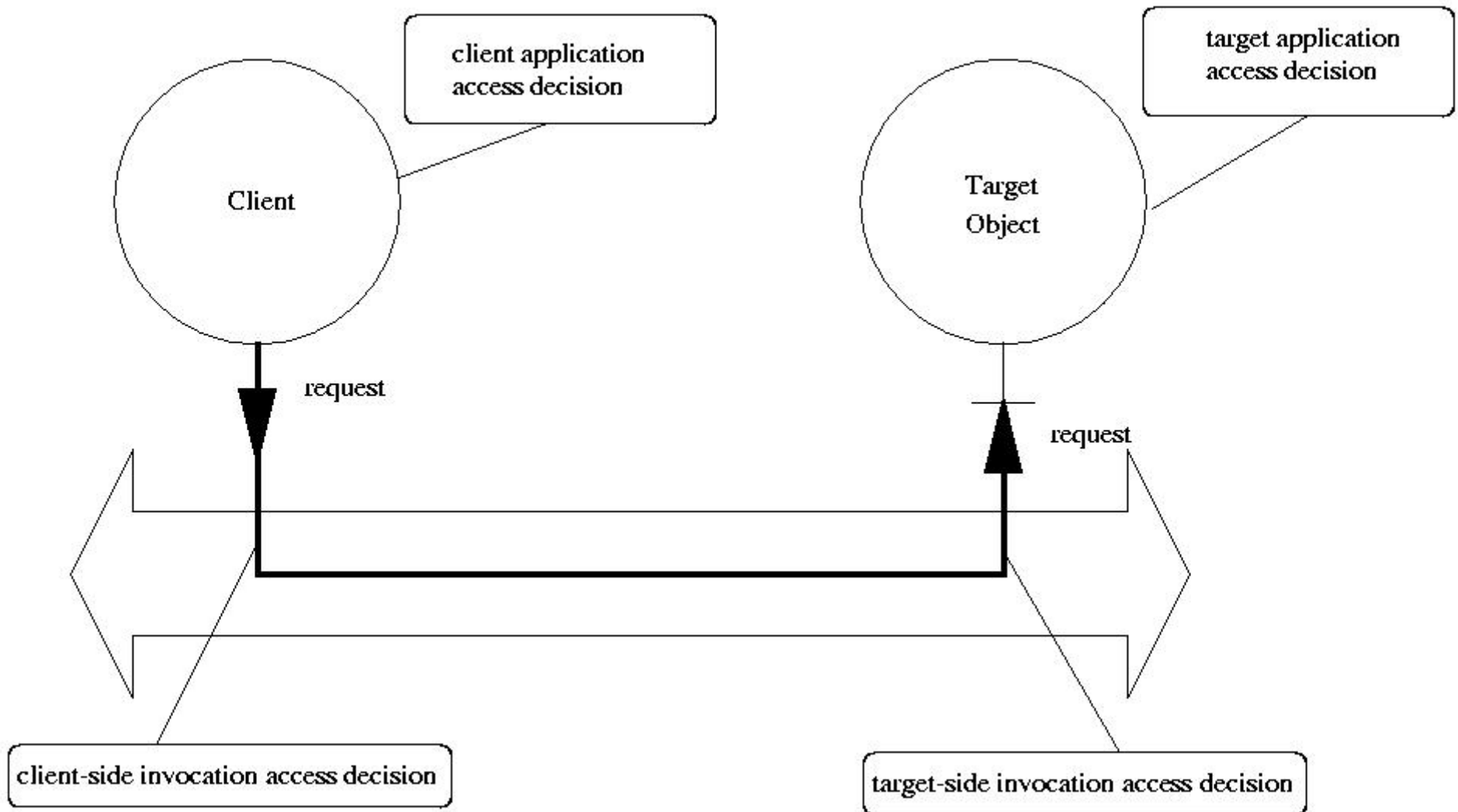
CORBA Services, Facilities, Domains, and Applications



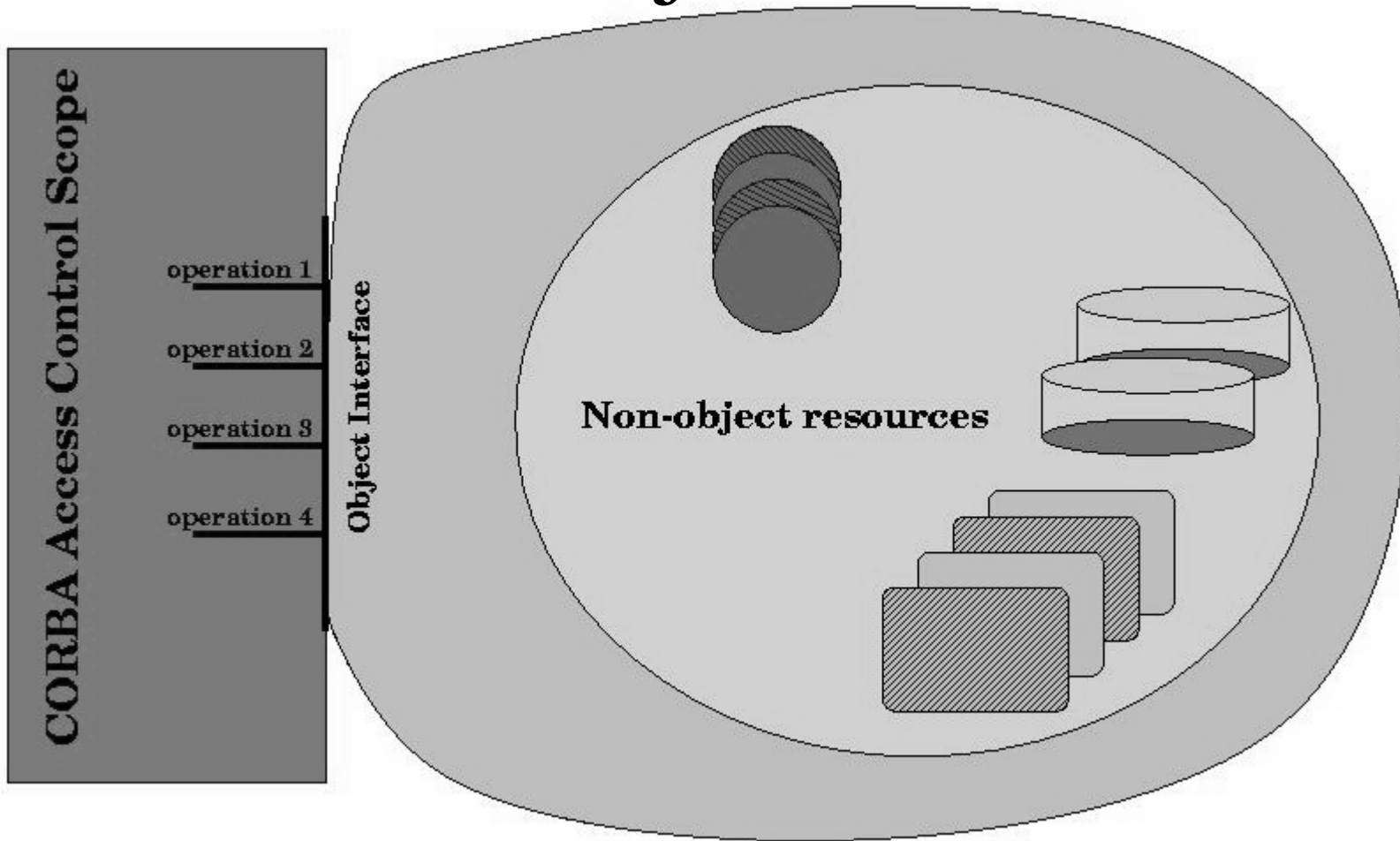
Common Services

- **Security**
- **Event Notification**
- **Transactions**
- **Naming**
- **Licensing**
- **Trader**
- **Properties**
- **Collections**
- Externalization
- Time
- Persistence
- Query Service
- Lifecycles
- Concurrency Control
- Relationships
- Change Management

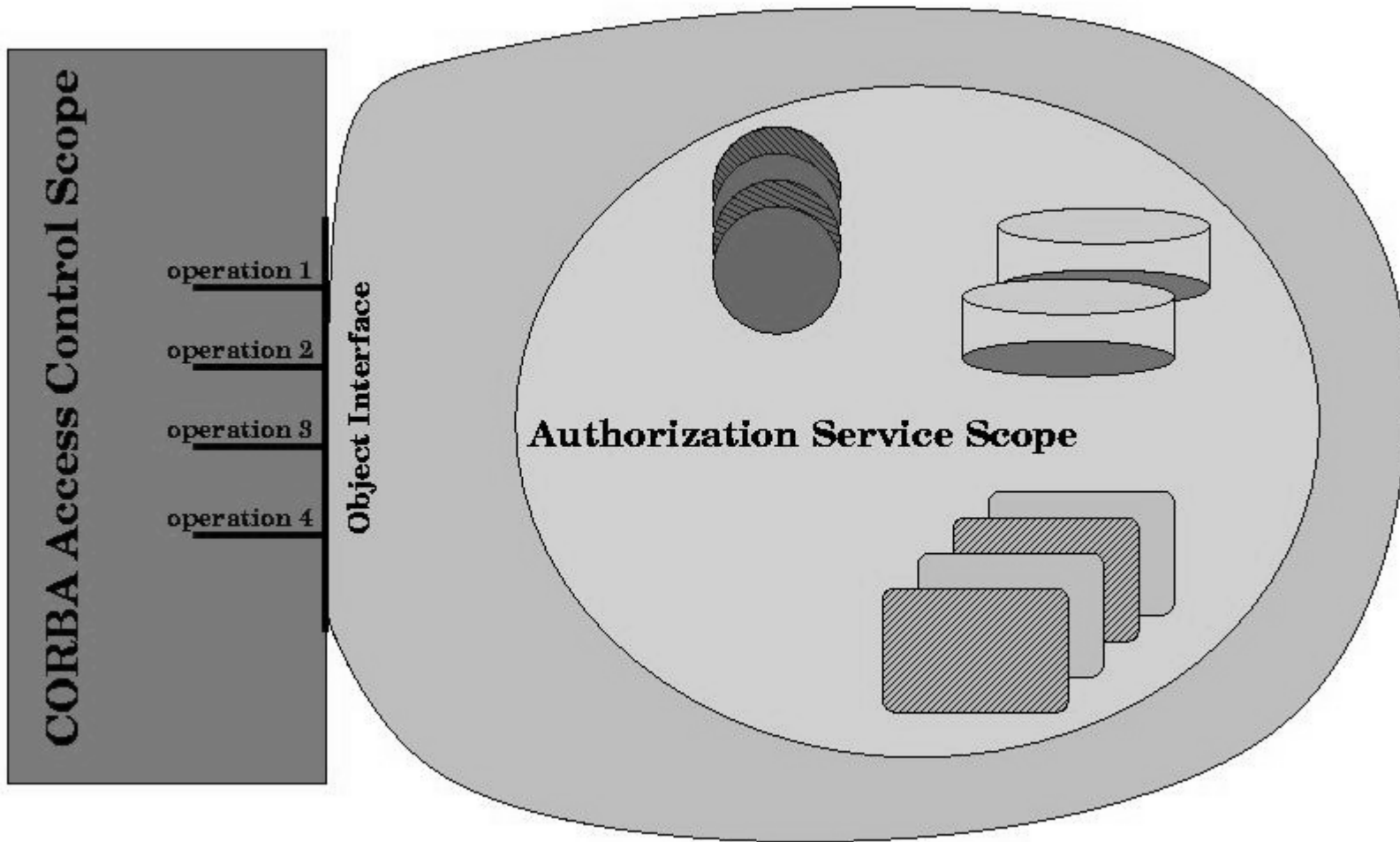
CORBA Access Control Model



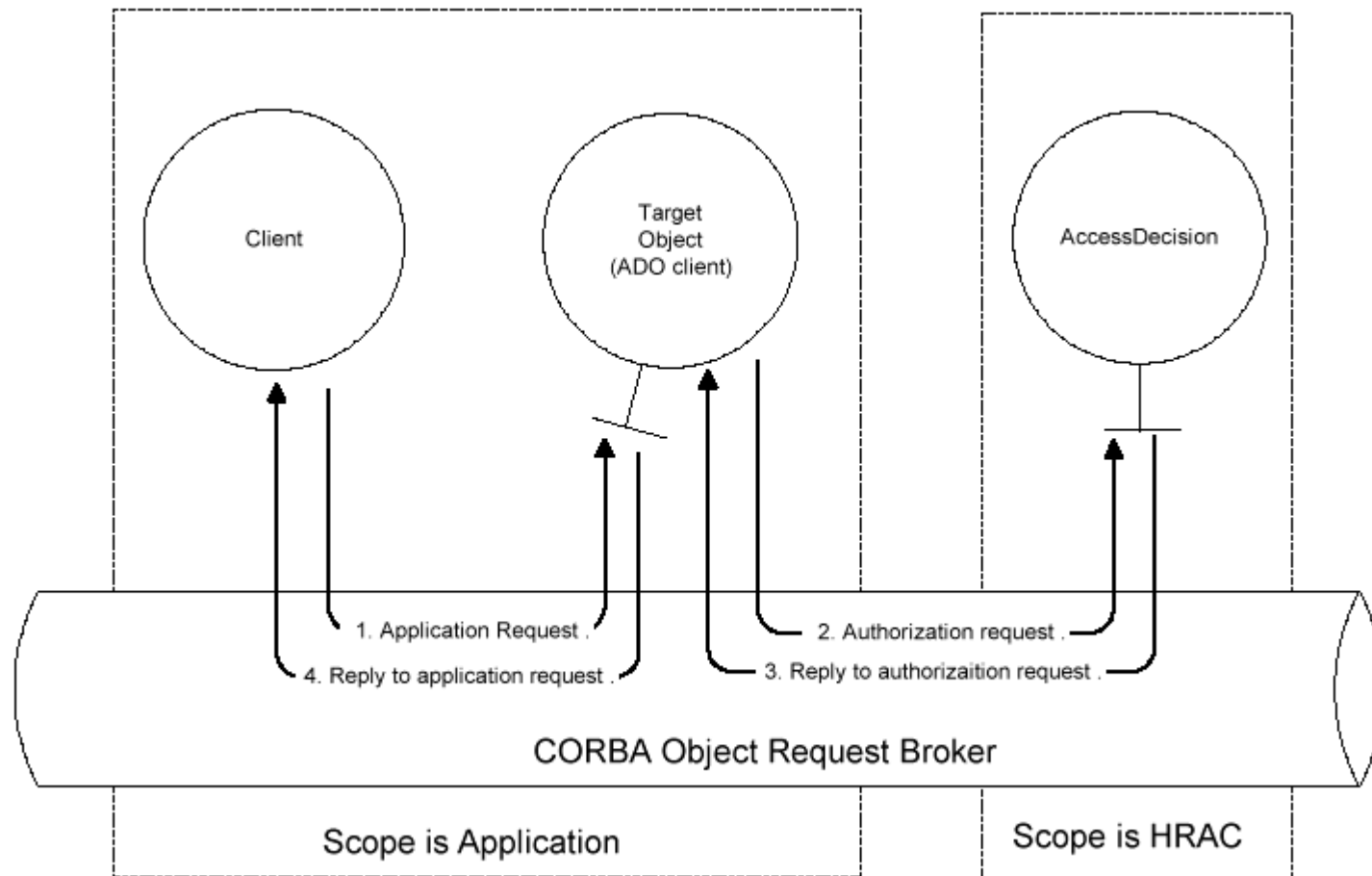
CORBASEC Does Not Cover Non-Object Entities

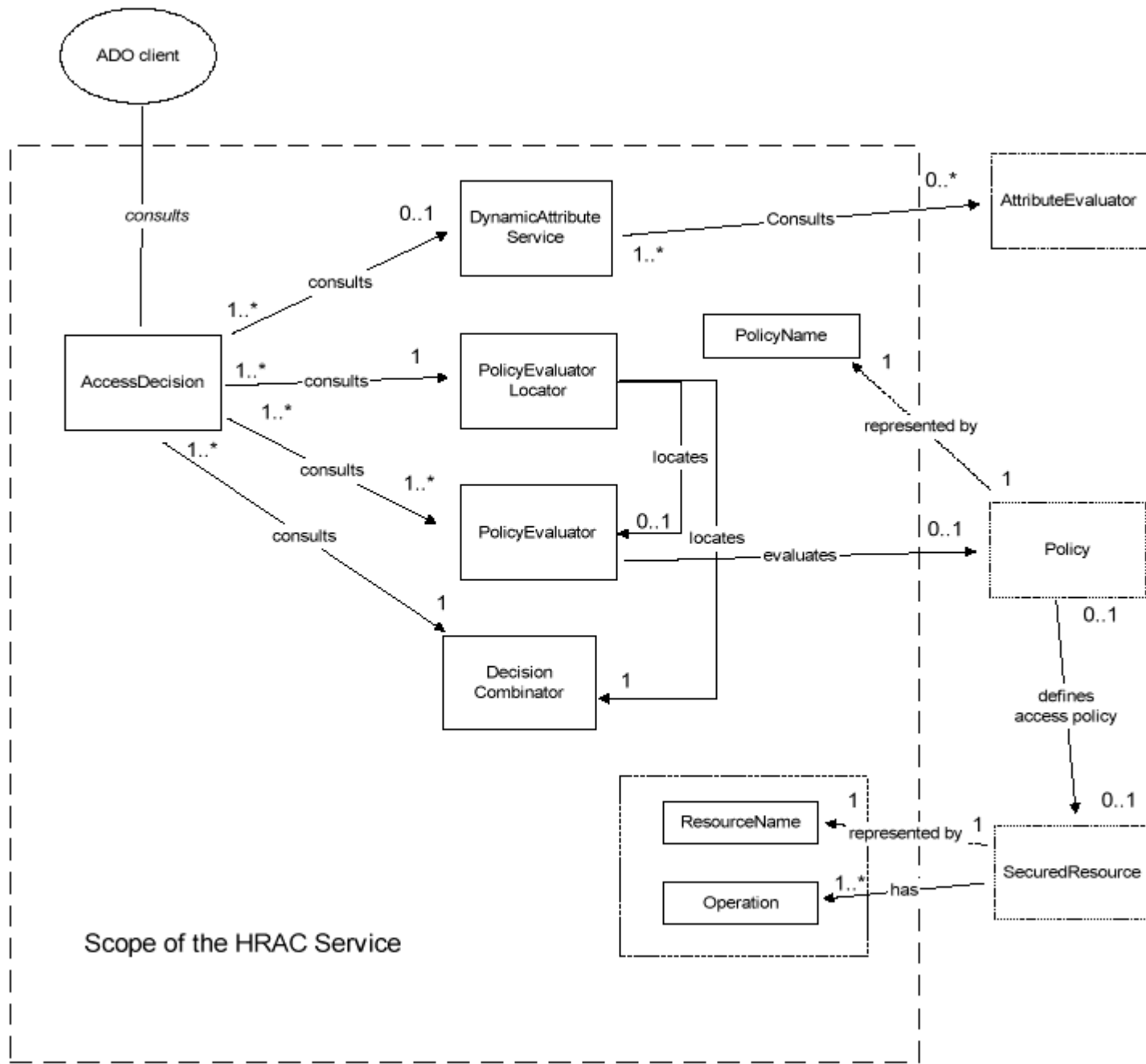


HRAC Compliments CORBASEC



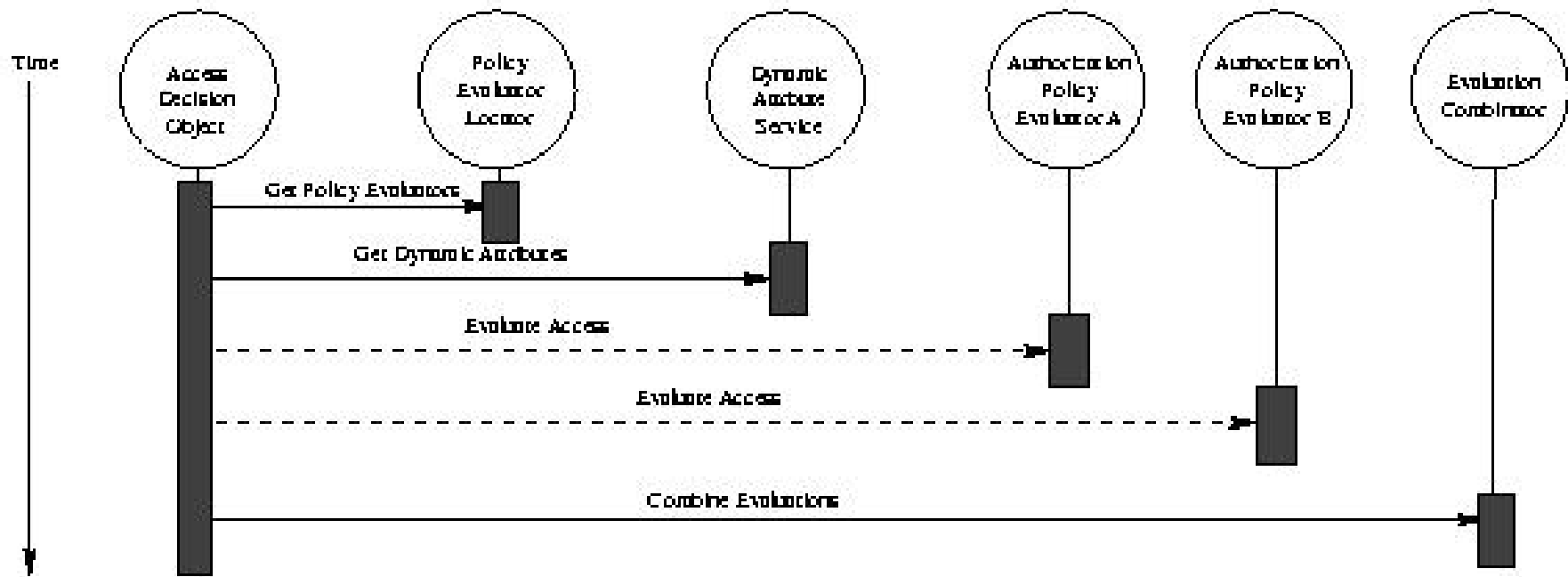
HRAC High Level View

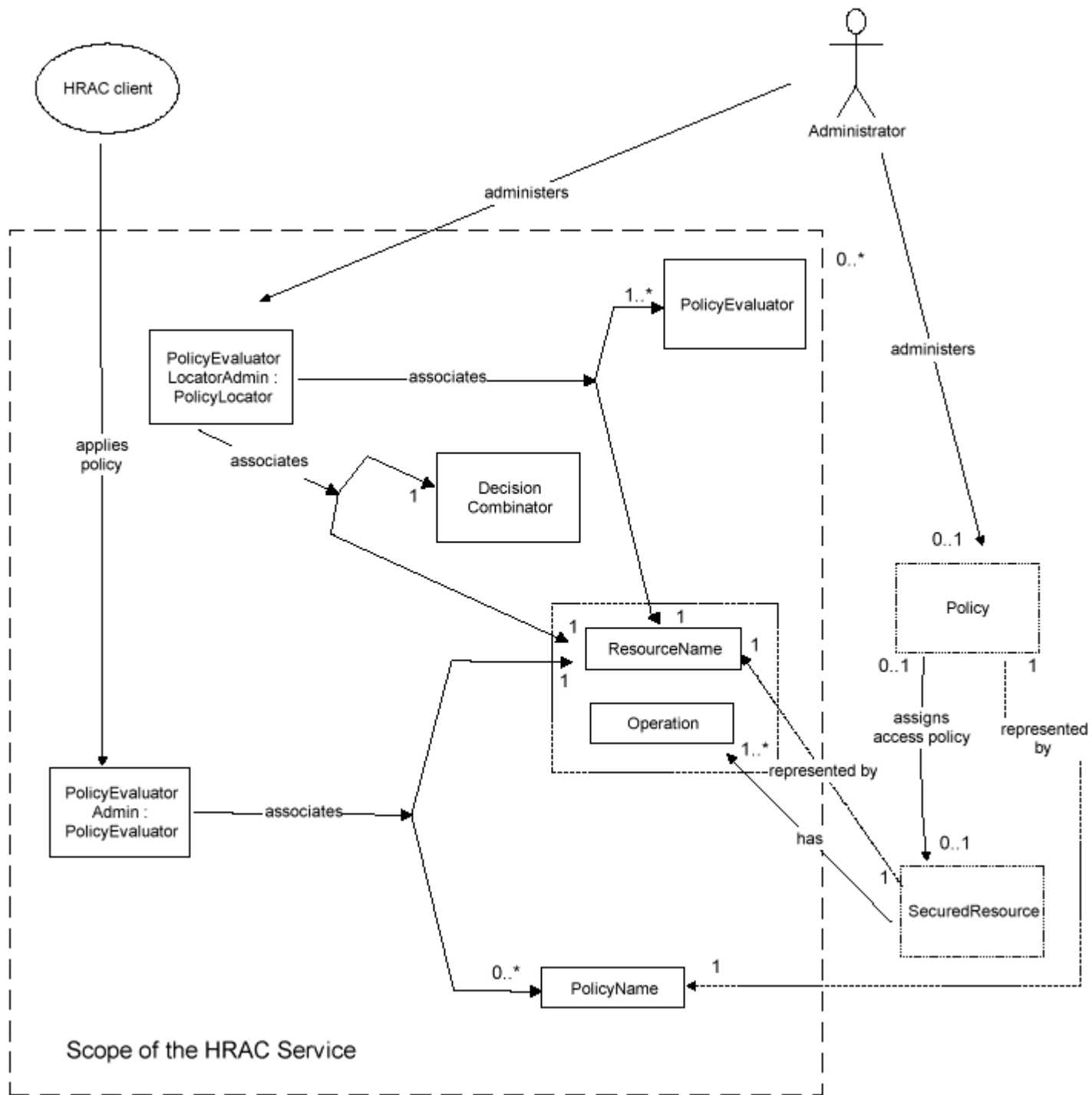




Scope of the HRAC Service

HRAC Framework





HRAC Status

- Initial submission
 - <http://www.omg.org/docs/corbamed/98-10-02.pdf>
 - Submitted October 19 1998
 - presented November 10 1998, Burlingame, CA
- Revised Submission
 - Due March 1 1999
 - Presentation March 22 1999, Philadelphia
- Evaluation <hrac-eval@omg.org>