CORBA Group Communication Strategies – Over, Under, or Inside?

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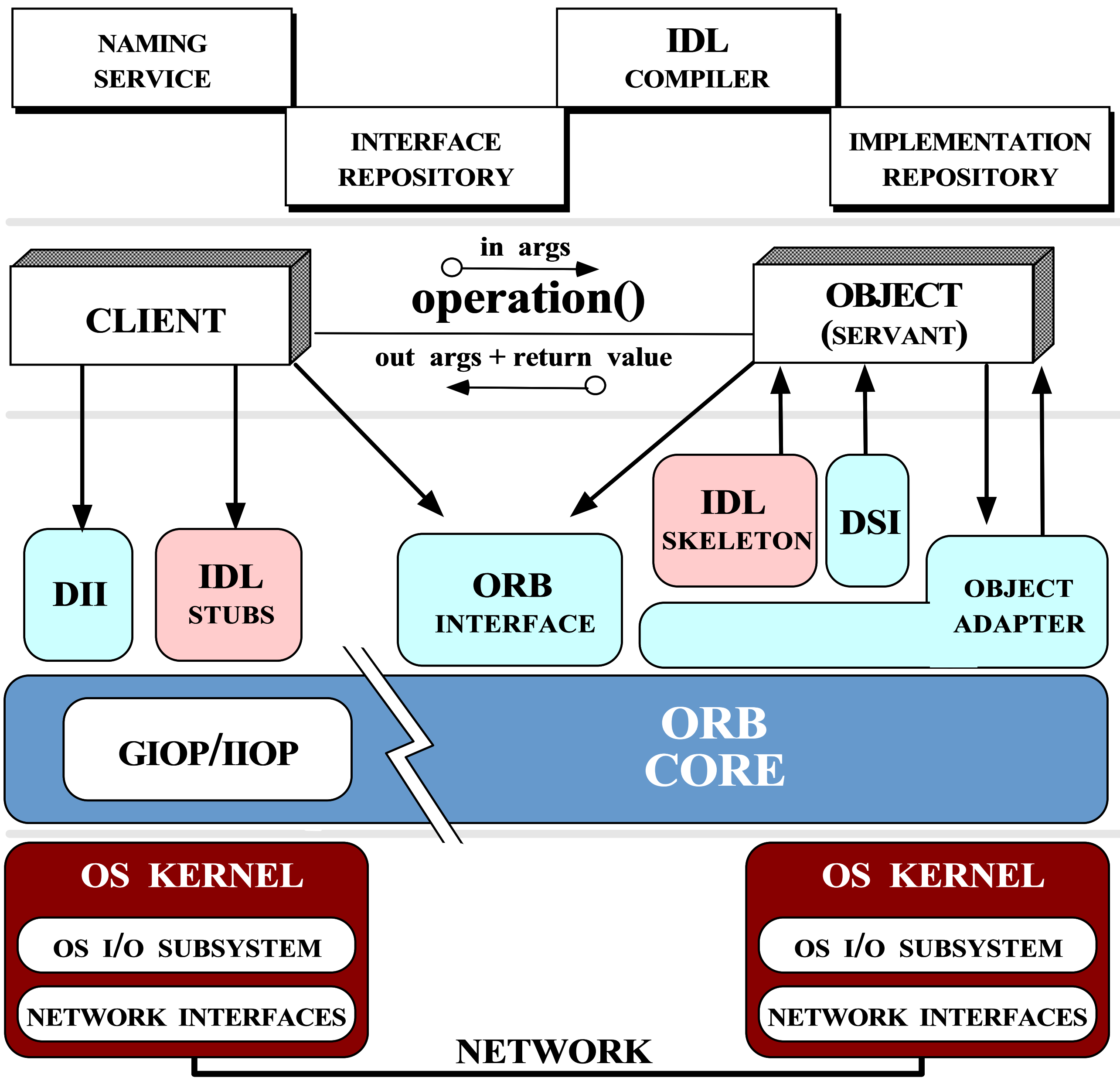
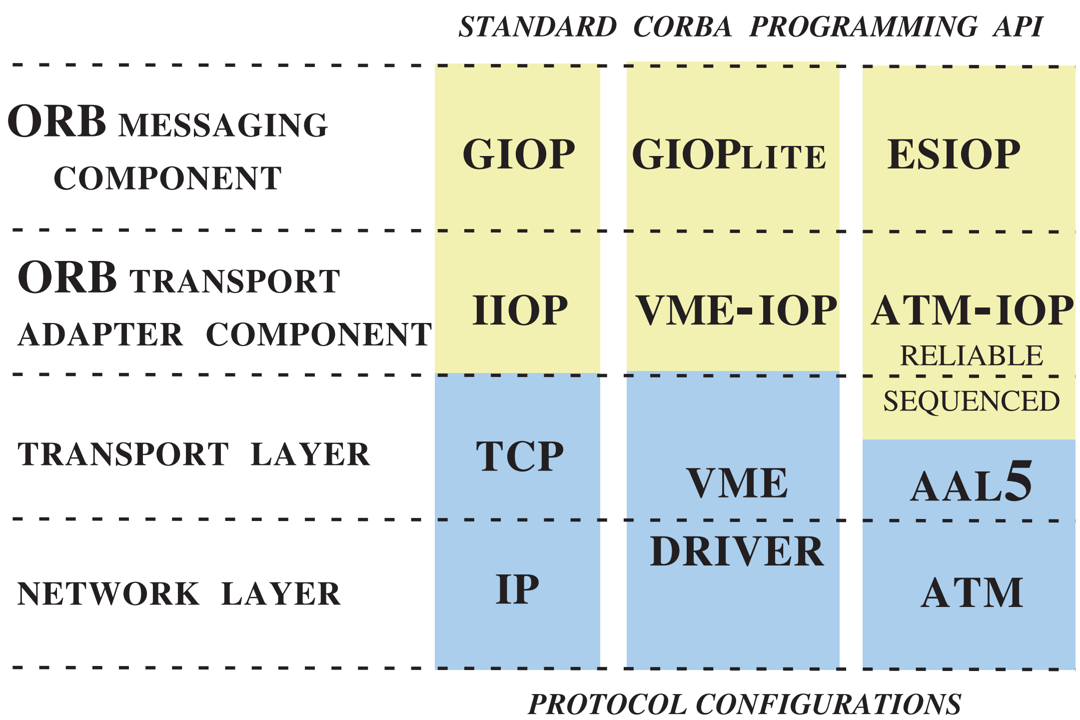
The CORBA ORB Architecture



CORBA Protocol Interoperability Architecture

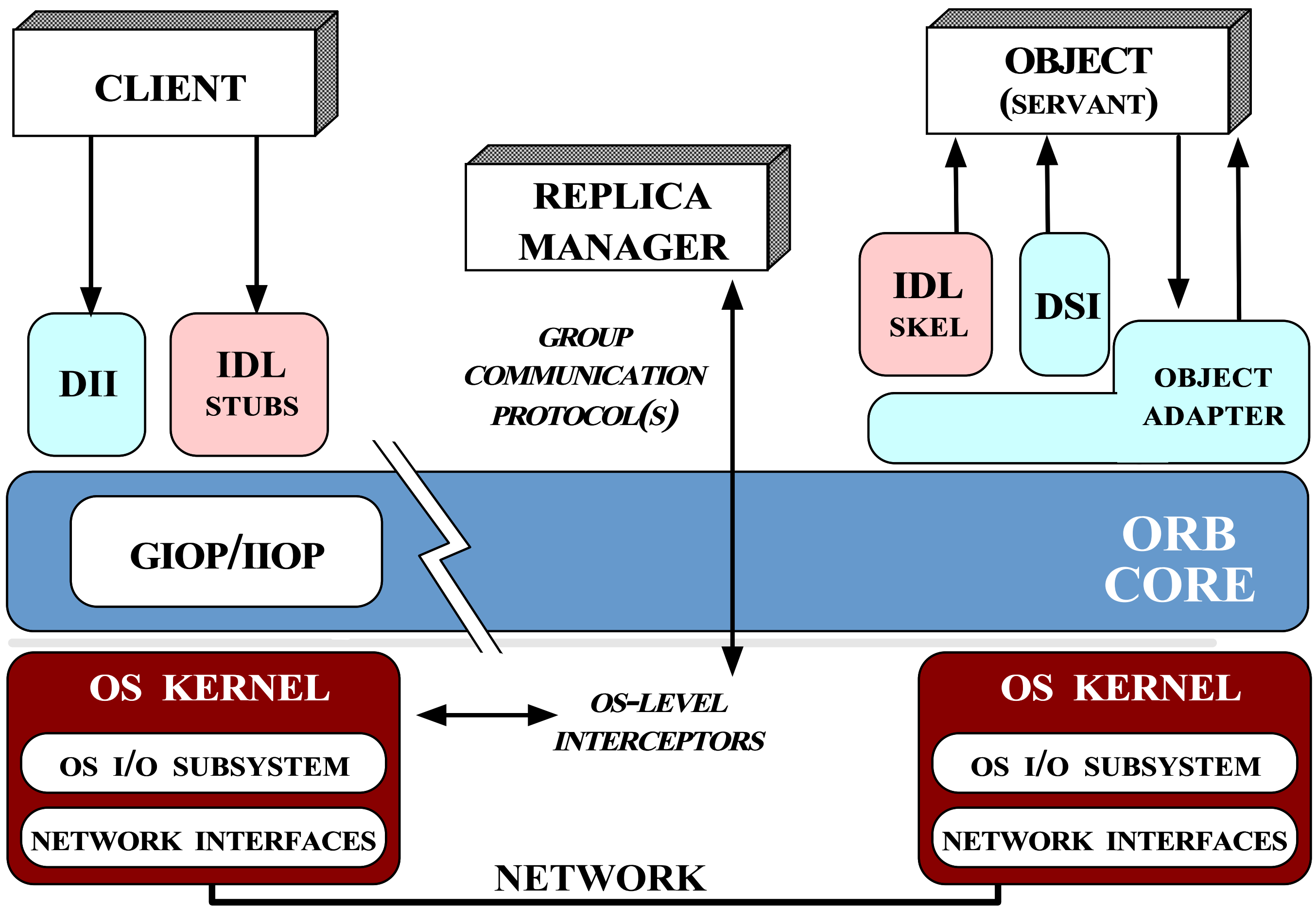


Features →

- Presentation layer
  - *e.g.*, CDR
- Message formats
  - *e.g.*, GIOP
- Transport assumptions
  - *e.g.*, TCP
- Object addressing
  - *e.g.*, IIOP IOR

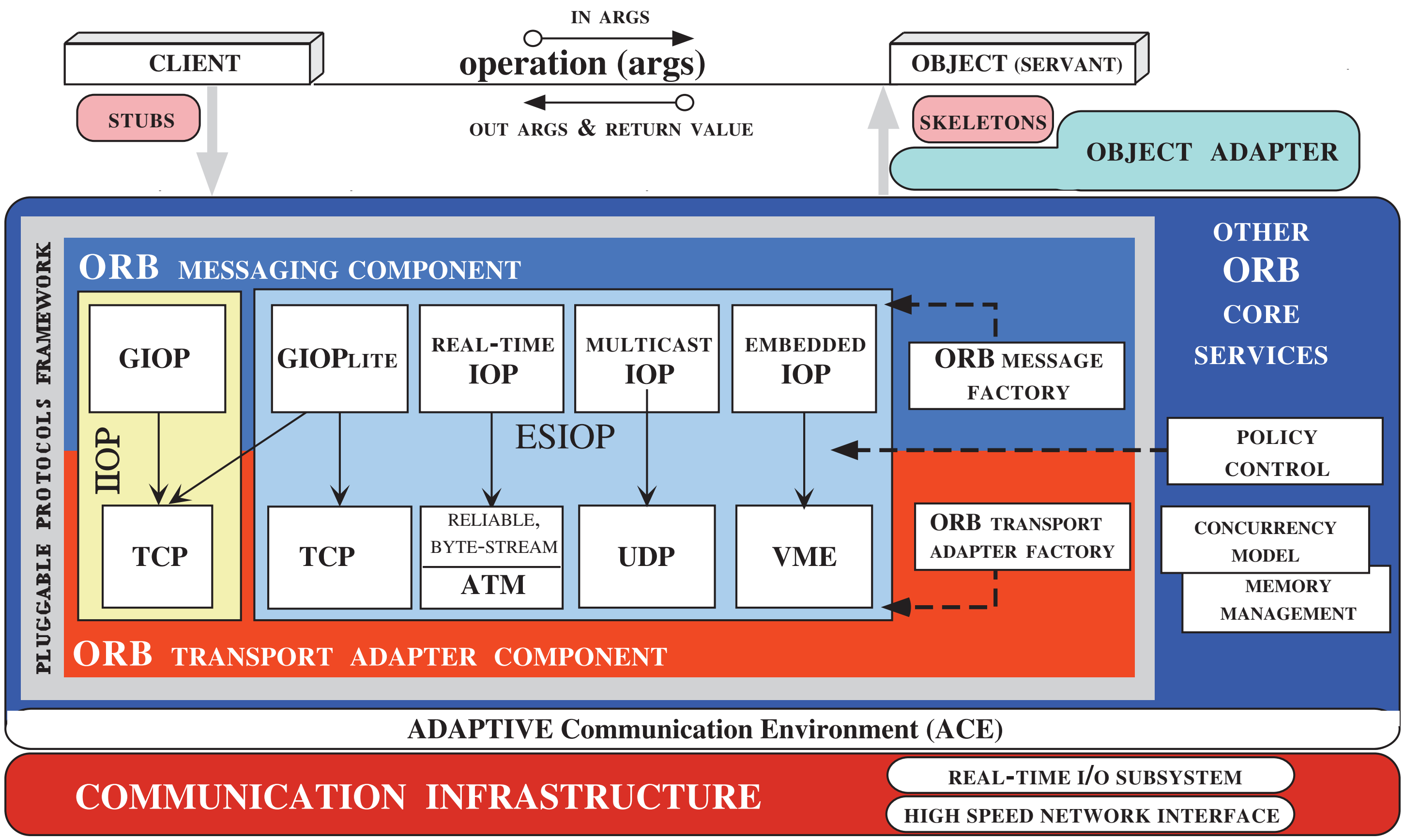
www.cs.wustl.edu/~schmidt/ pluggable_protocols.ps.gz

Under Strategy via OS Interceptors



alpha.ece.ucsb.edu/eternal/Eternal.html

Inside Strategy via Pluggable Protocols



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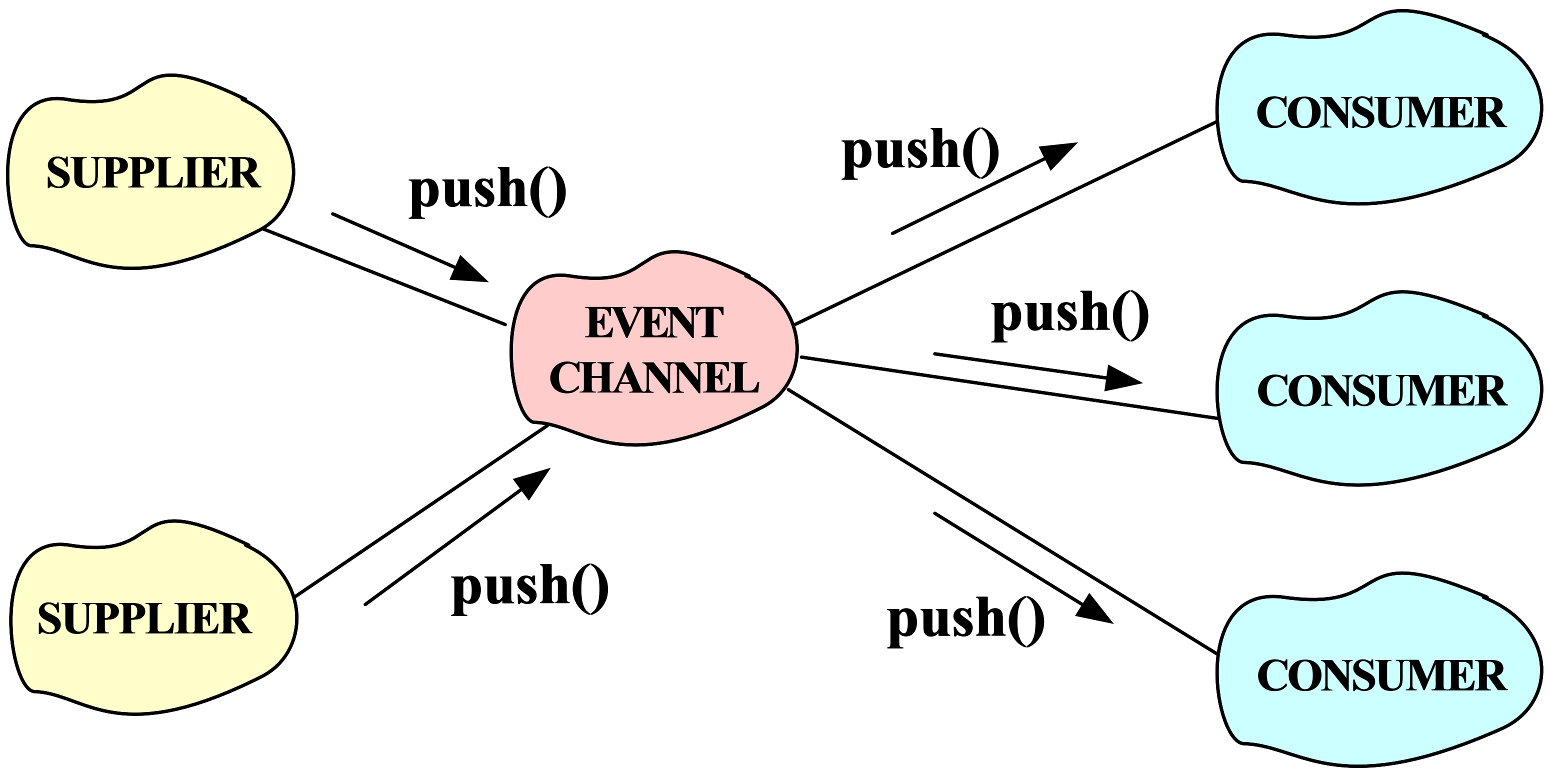
Over Strategy via CORBA Event Service



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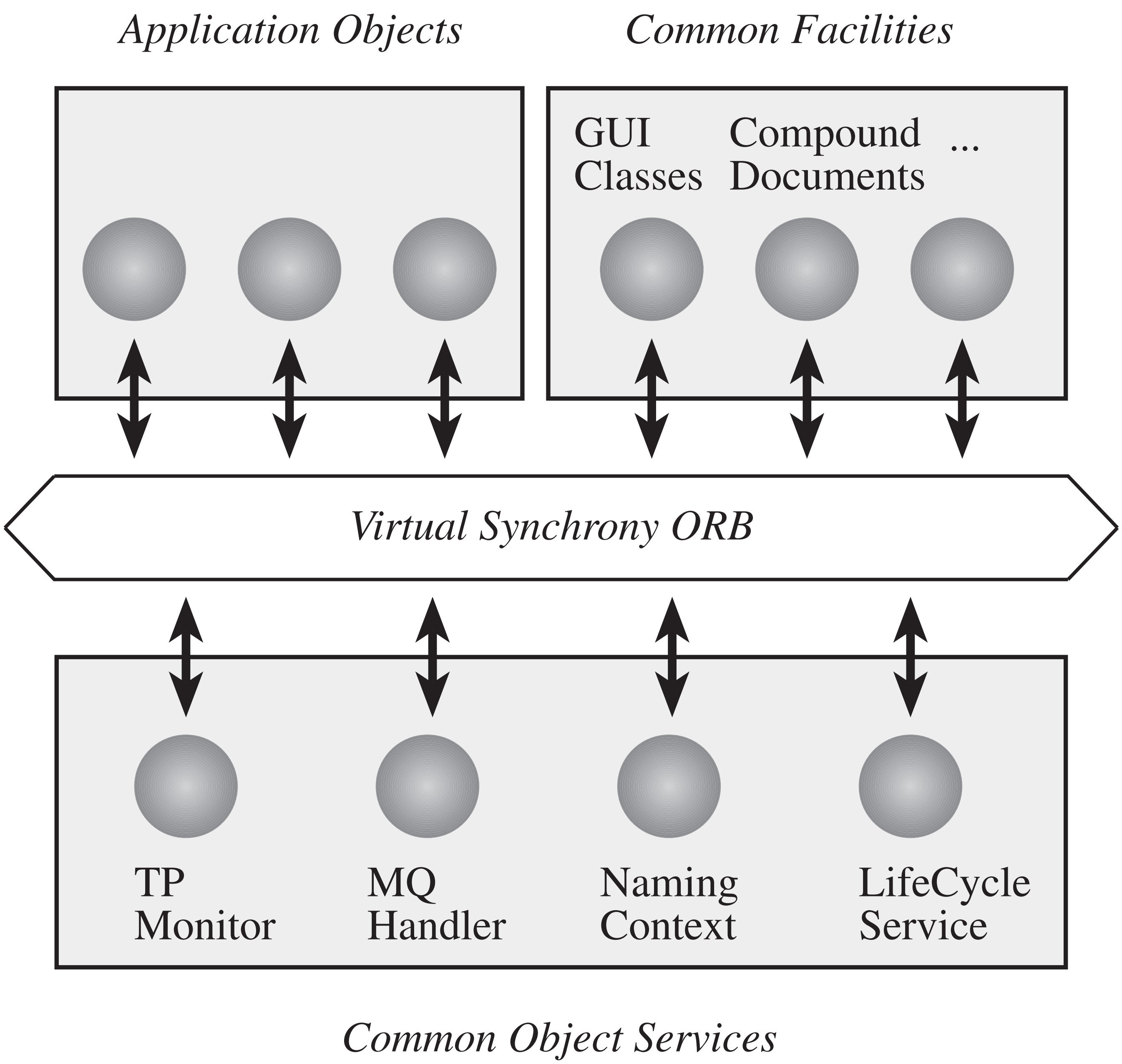
Over Strategy via Object Groups



www.softwired.ch/people/maffeis