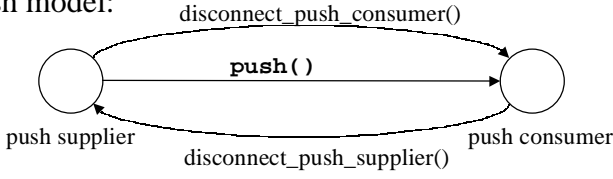# CORBA Services

- Set of utilities that are useful for objects or distributed applications.
- Are optional.

- Distributed systems-related services:
  - Naming Service
  - Event Service
  - Security Service
  - Trading Service

- General services:
  - Life Cycle Service
  - Licensing Service
  - Time Service

- Database-related services:
  - Concurrency Service
  - Property Service
  - Transaction Service
  - Relationship Service
  - Query Service
  - Persistent Object Service
  - Externalization Service

Example: Event Service

- Send an event that can be received by any number of objects.
- Suppliers/Consumers
- Event Channel
- Events can be values of type any.
- Push model:

disconnect_push_consumer()

push()

push supplier   push consumer

disconnect_push_supplier()

- Pull model:

disconnect_pull_consumer()

pull()

try_pull()

pull supplier   pull consumer

disconnect_pull_supplier()

Event Channels

Event Channel