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

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

- General services:
  - Life Cycle Service
  - Licensing Service
  - Time 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 \textit{any}.

Push model:

- \texttt{push()}
- \texttt{disconnect\_push\_supplier()}
- \texttt{push\_supplier()}
- \texttt{disconnect\_push\_consumer()}
- \texttt{push\_consumer()}
- \texttt{disconnect\_push\_supplier()}

Pull model:

- \texttt{pull()}
- \texttt{try\_pull()}
- \texttt{pull\_supplier()}
- \texttt{disconnect\_pull\_supplier()}
- \texttt{pull\_consumer()}
- \texttt{disconnect\_pull\_consumer()}
Event Channels