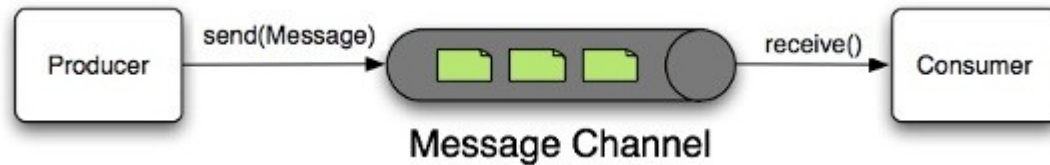CS544 EA
Integration

Integration: Pipes

Pipes

- Pipes can be **external** systems
  - Filesystems, databases, remote procedures, messaging middleware
- Pipes can also be **local** channels
  - Essentially just queues managed locally

Channel

- Message channels are **local pipes.**
  - You can quite literally think of them as a Queue
  - Messages go in on the one end, out on the other
  - Depending on the type of channel it may or may not buffer them (otherwise sends right away)

Message Channel

P2P and PubSub

- As with messaging middleware both **P2P** and **PubSub** channels are available
  - Big difference: these are only stored in memory
  - Middleware does storage & delivery guarantee

Models by Prof.
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