Link Layer

- communication between adjacent "nodes"
  \[\uparrow\]
  hosts, routers

- links - wired, wireless

- switches \[\times\]

- wireless access points \(\Delta\)
Services
- reliable delivery
- error detection/correction
- flow control
- half or full duplex
NIC - network interface card

(adapter)
- implements link layer

frames sent on link layer
header
- error checking
- rnt
- flow control
- dest. addr

[Diagram of network layers: net, link, phys]
Links
- point-to-point
  - switched ethernet

- broadcast
  - upstream cable
  - wireless net.
  - cell net.
    (multiple access links)
Multiple Access Protocols

- shared channel
- collision

Bus: centralized