



# What computers talk about and how. (Networking & the Internet.)

**COS 116: 4/3/2008**

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# Brief history

- Local area networks & university networks
- Military communication networks
  - ARPANET ['68] (a.k.a. DARPANET), etc.
- Early 1980s: US government decides on new way to connect various networks: the “Internet”
- 1989: World Wide Web; html, browsers
- 1998: Responsibility for Internet naming system handed over to private non-profit corporation ICANN.

# Modern Internet

- Collection of computers (including devices, servers, etc.) connected by wires, optical cables, wireless, etc.
- To join, need:
  - Device capable of “speaking the right protocol” (TCP/IP)
  - IP “address” given by an Internet provider
  - Connection to provider’s servers (via modem, DSL, wireless, etc.)

