Internet Applications



Web http

Mail smtp imap pop3 exchange

BiTorrent

File Exchange Remote Shell ssh

Internet example.com

The Internet Protocol Suite (a.k.a the network stack)

Protocols are built on top of each other as layers (modularity and encapsulation)

- How can two programs send messages to each other?
- How to make sure that messages have been well transmitted?
- How to route messages through the network?
- How to encode messages to go through copper, fiber or air?

