

Network II

CS 184

Kernel Networking

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Application - OS

- Typically the Application has a standard interface to an OS.
- BSD Sockets on Winsock.
- API specified
- Usually extensible to support many protocols and changing models.
- Concurrency models key.

OS - Network

- How an OS interacts with the network protocols and devices.
- Usually OS specific for devices.
- Some commonality for protocols (standards, shared implementations)
- Changes coupled to OS changes.
- Very opaque to applications.