

Introduction to Computer Systems

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Today

- Programmer's view of the internet
- Sockets interface

A Programmer's View of the Internet

- Hosts are mapped to a set of 32-bit *IP addresses*
 - 128.2.203.179
- The set of IP addresses is mapped to a set of identifiers called Internet *domain names*
 - 128.2.203.179 is mapped to `www.cs.cmu.edu`
- A process on one Internet host can communicate with a process on another Internet host over a *connection*