

Introduction to the Internet

CSCI 101
Dannelly - Week Four

- The Internet = **a network of computer networks**
- "The Web" ≠ "The Internet" ≠ "The Cloud"

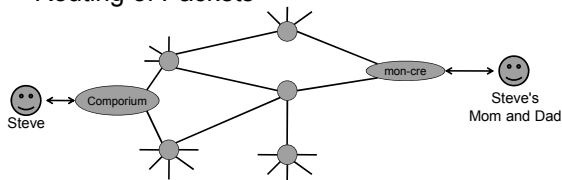
Internet History



- 1969 - ARPANet
- 1973 - ARPANet adds 1st international nodes
- 1977 - first email application
- 1984 - **DNS** introduced with 1000 nodes
- 1991 - First web server
- 1998 - birth of Google Inc.
- 2000 - 27.5 million domains
- 2011 - 130 million
- 2016 - 187 million

How Info Moves on the Internet

- Routing of Packets



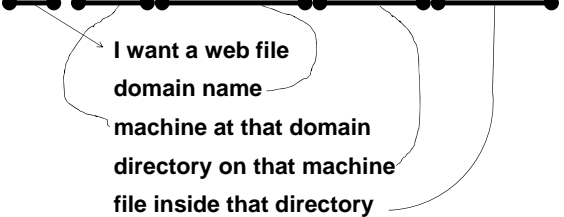
- Net Neutrality

Misc. Internet-Related Terms

- Bandwidth
- ISP
- Domain Name
- IP Address
- URL
- Client / Server versus P2P

URLs - what is in a name?

<http://faculty.winthrop.edu/dannellys/default.htm>



How do I create my own domain name?

- Do it yourself
 1. buy a server
 2. obtain an IP address
 3. register your name and address with ICANN
internet corporation for assigned names and numbers

OR

- Contract with a "Server Farm"
 1. google "domain hosting" to find a provider
 2. pay a small monthly fee
