

Internet

Computer Technology

What is the Internet?

A collection of local, regional, national, and international computer networks that are linked together to exchange data and distribute processing tasks

Web Browser

- ▶ A software program that runs on your computer and helps you access Web pages
- ▶ Examples:
 - Internet Explorer
 - Mozilla Firefox
 - Safari

Internet Service Provider (ISP)

- ▶ A company that has the equipment to provide Internet access to businesses, organizations, and individuals
- ▶ Examples: AOL, Comcast/Xfinity, Juno

URL (Uniform Resource Locator)

- ▶ Sometime referred to as the web address
- ▶ Example: `www.usu.edu`
- ▶ “www” stands for World Wide Web
- ▶ Most common domain examples:
 - `.com`
 - `.edu`
 - `.gov`
 - `.org`
 - `.net`
 - `.mil`
 - `.int`

Navigating the Net

- ▶ Browser History—keeps a log of web pages that you have visited in the past.
- ▶ Hypertext links – links to related documents, web pages, and media files

Security

- ▶ Many sites containing sensitive information use encryption to protect this information (i.e. banks)
- ▶ Encryption is the most effective way to achieve data security
 - Messages are sent in a secret code and can only be read by the receiving web site with the decryption key.
- ▶ When giving out personal information, check the security of the web site.

Searching The Internet

- ▶ Search Engine
 - Uses keywords to find information
- ▶ Search Directory
 - Links are organized into categories
- ▶ On-line Library
 - Search books, magazines, newspapers, etc.

Boolean Operators

- ▶ Used to more narrowly define a search
 - AND (+)
 - NOT (-)
 - “ ”

Website Evaluation

- ▶ Relevant
- ▶ Reliable
 - Can the author be trusted?
 - Is the information biased? (Favors one point of view over another)
 - Can the owner/author be contacted?
- ▶ Recent
- ▶ Verifiable