Getting Started

History of the Internet

From *Dave Barry in Cyberspace*

"A common criticism of the Internet is that it is dominated by the crude, the uninformed, the immature, the smug, the untalented, the repetitious, the pathetic, the hostile, the deluded, the self-righteous, and the shrill. This criticism overlooks the fact that the Internet also offers – for the savvy individual who knows where to look – the tasteless and the borderline insane."

What is the Internet?

Global connection of computers
   Hardware
   Communication Protocol
        HTTP – hypertext transfer protocol
        FTP – file transfer protocol
Connection of People
   Communication applications
        Instant Messaging
        E-mail
        Social Networking

History

ARPANet (Advanced Research Projects Agency Network)

TCP/IP (Transmission Control Protocol/Internet Protocol)

NSFNet (National Science Foundation Network)

Commercial Network

Internet 2

Tools and Utilities

Usenet
E-mail
Gopher
Chat
The World Wide Web

What is the World Wide Web?

Created in 1992

Developed by CERN (European Council for Nuclear Research)

Global connection of hyperlinked pages

Types of information available

Web Terminology

HTML – language used to write Web pages

HTTP – protocol for transmission of Web pages

Web browser – software that received information over the Internet, interprets the HTML and displays the results

Hypertext – text that is linked to other information

Going Online

ISP – Internet Service Provider

IP – Internet Protocol

IP Address – unique numeric address assigned to machines that access the Internet

PPP – Point to Point Protocol (Dial Up)

DSL – Digital Subscriber Line (broad band)

Cable modem – (broad band)

Satellite

Host Machines

Machine Names
    DNS – Domain Name Server
    URL Breakdown: machine.somewhere.com/area/file
        machine – name of server
        somewhere – domain name
        .com – domain top level
        area – account and/or directory
        file – filename of the HTML file
Domains
 .com .edu .gov .mil .net .org
Country codes – de-germany, fi - finland

Netiquette

Netiquette
  Cultural issues
        languages
        sense of humor
  Use of CAPITAL letter – SHOUTING
Abbreviations
    IMHO – in my humble (honest) opinion
    BTW – by the way
    Be careful that your audience knows the
    abbreviations that you are using