Readings and References

• Reading
  » Fluency with Information Technology
    • Chapter 12

• References
  » Wikipedia on Blogs
  » Emily Post Online
    http://www.bartleby.com/people/Post-Emi.html
How Do You Do?

• Gentlemen should always shake hands when they meet.

• A lady may put out her hand to an old friend, but bows her head to a complete stranger.

• Greeting: "How do you do?"

• Reponse: "How do you do?"
Computing over the Internet

• Rules & Protocols

• Manners/Professionalism

• Safety
Communicating over IT

• Synchronous communication
  » Instant messaging
  » Internet Relay Chat (IRC)

• Asynchronous communication
  » Email
  » Bulletin Boards
  » UseNet news
  » Blogs
  » SMS
Problems with Text Communication

• Conveying emotion
  » Emoticons :-), :D, ^--^

• TOO much _emphasis_ ???

• Pace

• Ambiguity
  » Sarcasm?!?

• Flame Wars
  » Revenge of the Inconsolable Responder
Internet Netiquette

• Moderation
  » An administrative or authoritative person who listens and/or approves communication

• http://www.dtcc.edu/cs/rfc1855.html
  » Email
  » Usenet
  » Chat
Email

- Simple Mail Transport Protocol (SMTP)
- Works with a client/server format
  - PostOffice Protocol (POP)
  - Internet Message Access Protocol (IMAP)
- Was one of the first Internet applications (along with FTP)
- Sending attachments (binary files) requires that we encode them first!
  - MIME
  - uuencode
Email Netiquette

- Only discuss 1 topic at a time
- Use a descriptive subject line
- Limit size and type of attachments
- Don't forward SPAM
- Use vacation messages (automated replies)
- Avoid mass mailing (use group aliases)
- Answer your email from the most current to the least current
Mailing Lists

• Mailing lists were the first real technology to supporting group interaction
• Administered by a human or automatically by a listserv, majordomo, listproc
  » unmoderated/moderated
  » digest/archive
• Subscribe by sending your email address
  » subscribe listname suzka@u.washington.edu
LDAP

• Lightweight Directory Access Protocol
  » White pages

• Can be used within your email client or separate application
  » Runs on directory.washington.edu:389
  » Have to set the "search base"

• C&C's LDAP page
  » http://www.washington.edu/computing/email/ldap.html#LDAP
Filtering & Rules

• Email clients allow you to archive email into folders
• Set up rules or filters to take action on email messages
  » Automatically delete
  » Move to another folder
  » Mark as read
• Learning algorithms for dealing with junk mail
USENET

• Text-based discussion forum
• Categorized in a hierarchical topic scheme
  • *Newsgroups* may be moderated or unmoderated
    » Moderated probably requires membership
• Use a news reader to read/compose messages
  » Google offers web-based access
    [http://groups.google.com/groups/dir?sel=33554433](http://groups.google.com/groups/dir?sel=33554433)
  » Most full-features Email packages support USENET
• `news.u.washington.edu:119`
  » [http://www.washington.edu/nic/find-news.cgi](http://www.washington.edu/nic/find-news.cgi)
• Usenet clients:
IRC

- Internet Relay Chat is a real-time chat environment
- Client/server based
- Allows the creation of *channels*, where more than one person can chat at a time
- Online reference desks will often run chat sessions
  - UW's 24-hour reference
    http://www.lib.washington.edu/services/qnalive/
  - SPL's 10-4 online reference
    http://www.spl.org/default.asp?pageID=help_ask_chat
  - King County Library reference (card req'd)
    http://www.kcls.org/cgi-bin/validate
Instant Messaging

- Client/server based chat
- One-to-one chat model, although groups/discussions can be created
- Somewhat proprietary clients, but some clients will support both IRC, and multiple IM clients
  » Yahoo, AIM, MSN Messenger
Blogs

- Web-log or Blogs are an online journaling or diary form
- Developed in the early to mid 90s, really were just web pages that were updated frequency
- The development of easy-to-use Blogging software changed all that!
  - Typepad/Live Journal
    - http://www.sixapart.com/typepad/
  - Blogger.com
- 2001 Blogs began to get mainstream awareness
Blogging

- Blogging is now a well known phenomenon that has a number of attractive features.
  - It provides a very low barrier to entry for personal web publishing
  - The diaries are automatically syndicated and aggregated via centralized servers (e.g. blogger.com) allowing a wide community to access the blogs
  - Blogs have a simple to understand structure and yet links between blogs and items (blog rolling) supports the decentralized construction of a rich information network.
  - Blogging has a proven potential for publishing, syndication & discovery, and community formation.
Consequences to Blogging

• Don't lose your job over your blog!
  http://www.eff.org/Privacy/Anonymity/blog-anonymously.php
  » Blogging anonymously
  » Blogging without getting fired
    1. Political Opinions
    2. Unionizing
    3. Whistleblowing
    4. Reporting on Your Work for the Government
    5. Legal Off-Duty Activities
Some Blog Terminology

- Blogging -- the act of posting to a blog
- Blog roll -- links to other blogs
- Trackback -- links to the other blogs that refer to the first post
- Blogosphere -- the blogging community
- Permalink -- permanent link to a blog archive
- Photoblog -- mobile blog of images
- Blog feed -- XML-based syndication using RSS or Atom
Really Simple Syndication

- RSS was developed by Dave Winer @ Harvard in 2000
- XML-based syndication mechanisms
  » Other is ATOM, supported by Google
- By created XML files that adhere to the RSS standard, readers can display RSS pages
More than just blogs…

• Now any news or information source can use RSS to syndicate their data

• Most news media post their RSS links so that readers can directly access them!
  » Look for the RSS link on the website
    http://www.cnn.com/services/rss/

• Newest RSS Readers work like Email packages
  » Often support UseNet as well
  » NetNewsWire Lite - for the real news junkie
RSS 2.0 Standard

```xml
<?xml version="1.0"?>
<rss version="2.0">
  <channel>
    <title>Liftoff News</title>
    <link>http://liftoff.msfc.nasa.gov/</link>
    <description>Liftoff to Space Exploration.</description>
    <item>
      <title>Star City</title>
      <description>How do Americans get ready to work with Russians aboard the International Space Station? They take a crash course in culture, language and protocol at Russia's &lt;a href="http://howe.iki.rssi.ru/GCTC/gctc_e.htm"&gt;Star City&lt;/a&gt;.</description>
      <pubDate>Tue, 03 Jun 2003 09:39:21 GMT</pubDate>
      <guid>http://liftoff.msfc.nasa.gov/2003/06/03.html#item573</guid>
    </item>
  </channel>
</rss>
```
Feed Readers

• Feed Readers normally support both RSS and ATOM
  » Feedreader 2.90 is installed on the iSchool machines
• Searching for RSS feeds can be overwhelming
  » Feedster.com is one of many search engines for RSS feeds
  » BlogStreet has over 10,000 blogs listed
    http://www.blogstreet.com/rssdiscovery.html
  » Syndic8 has over 25,000 RSS feeds listed
    http://www.syndic8.com
Intellectual Property

• Software licenses
  » Use
  » Shareware
  » Freeware

• Copyright gives the owner the right to:
  » Make a copy of the work
  » Use for a derivate work
  » Distribute or publish
  » Publicly perform/display

• You don't have to explicitly state copyright in order to have it
  » http://www.copyright.gov
"Social Computing"

- The introduction of social networking software to Internet communities
  - 6-degrees of separation
  - Allows you to connect to other through those linked to you
- They have been highly successful in the last 5 years
- Some popular examples:
  - MySpace (www.myspace.com)
  - Facebook (www.facebook.com)
  - Friendster (www.friendster.com)
  - LinkedIn (www.linkedin.com)
Protecting Yourself on Internet

• Don't post personal/private information in public spaces
  » Real name/Address/Phone
  » Credit Card Numbers/Social Sec #
  » User ID, Instant Messaging handle

• http://www.netsmartz.org/

• Don't post images that might embarass you!
  » Think twice before posting a photo or info you wouldn't want your parents or boss to see!
Protecting Yourself Con'd

• Make your profiles/blogs as private as possible
  » People aren't always who they say they are. Be careful about adding strangers to your friends list.
  » Don't forget that your profile is a public space. Don't post anything you wouldn't want the world to know
  » Avoid posting anything that would make it easy for a stranger to find you, such as where you hang out every day after school.

• If you must meet someone, do it in a public place and bring a friend.

• Don't mislead people into thinking that you're older or younger.
Passwords

- Passwords are used to limit computer or software access
- Should be changed on a periodic basis (every 90 days at the UW)
- Forgotten passwords?!?
  » As the administrator to reset it for you
- Select password topic areas
- Encode password with alternative characters
- Use phrases or sentences
  » Easier to remember!
  » Much harder to crack