



Test Your Tech

Navigation is:

- A. Following a series of links to locate specific information on the Web.
- B. Finding your uncle's mountain cabin in dense fog.
- C. Avoiding rush-hour traffic during the World Series.



Test Your Tech

Navigation is:

- A. Following a series of links to locate specific information on the Web.
- B. Finding your uncle's mountain cabin in dense fog.
- C. Avoiding rush-hour traffic during the World Series.



Ann

- Future Potential in IT
- Alumni talk about IT at

- Google
- Microsoft
- Moss Adams LLP
Avenue A | Razorfish

- * Jan 23, 3-6PM,
Guggenheim 220
- * Pre-register so they order
enough pizza:
<http://depts.washington.edu/tc/fpit.html>

Food & Prizes!

LOOKING FOR A GREAT MAJOR

FUTURE POTENTIAL IN IT

How from and past members of business groups, recent graduates and former students about opportunities in INFORMATION TECHNOLOGY

Keynote Speaker:
Andreas Braendle, CIO, Moss Adams LLP

When: Wednesday, January 23rd, 2008
3:00-3:30 pm - Check-in
3:30-5:00 pm - Keynote and alumni panel
5:00-6:00 pm - Mingle with industry and dept. reps and eat pizza!

Where: Guggenheim Room 220

Representatives from companies including:
Google
Microsoft
Moss Adams LLP
and

Sponsors:
Computer Science & Engineering
The Foster School of Business
The Information School
Technical Communication
The Society for Information Management (SfIM)

For more information and to register, visit:
<http://depts.washington.edu/tc/fpit.html>



Announcements

- By today, you should have
 - * Read Chapters 1-6 of *Fluency*
 - * Taken the quiz on chapters 1-3
 - * Completed labs 1 and 2
 - * Close to completing lab 3



Announcements

- This week's Quiz
 - * Each lab had a different version of the quiz
 - * Lab AD, "manual grading" for one question
 - We missed adding the correct answer for that question
 - We'll fix that and that will fix your scores
 - * Catalyst gave your score as so many points out of 33 possible.
 - It included the extra credit as part of total points
 - Total is only 30 points
 - We'll have to manually change that at the end of the quarter



Announcements

- When the new gradebook tool is ready, you will be able to see your scores in MyUW
 - * Go to this link and follow the directions to add it to MyUW:
http://www.cs.washington.edu/education/edtech/viewing_grades.html
 - * It should be ready by the end of next week



Announcements

- If you need help,
 - * Our office hours, or by appointment
 - * The drop-in lab
 - WF 10am
 - * Drop in to Keith's Lab section AE
 - WF 8am



Announcements

- Mac Labs
 - * Wrong Hours for MGH Computing Commons on their Web site
 - I notified Catalyst to update their page
 - * Best lab: Odegaard 2nd Floor:
 - Sunday 1pm until Friday 9pm
 - Show your Husky ID from 10pm-6am
 - Saturday 11am-9pm



Announcements

- Lab 3
 - * Directions on the lab are wrong
 - * Dante uses Bash as the default
 - Check by typing:
 - echo \$SHELL
 - You'll see something like bin/bash



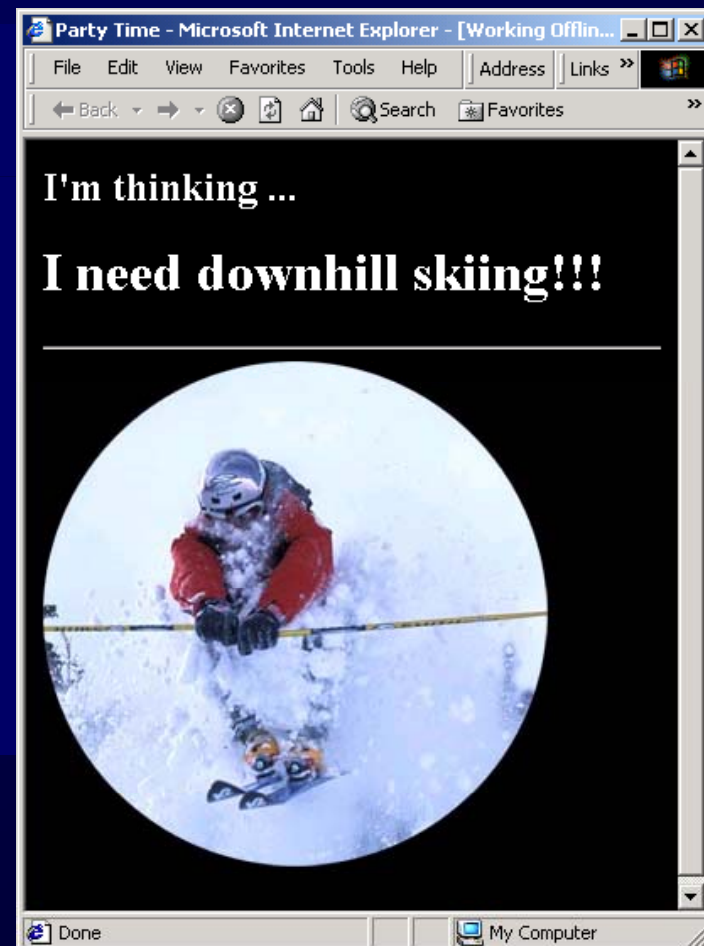
Announcements

- Students ask if they can work on Project 1 at home?
 - * Yes!
 - * Download the UWICK software so you have access to Dante from home



Wednesday's Mystery File

```
<html>
  <head><title>Party Time</title>
  </head>
  <body style="background-color: black;
    color:white">
    <h2>I'm thinking ...</h2>
    <h1> I need downhill skiing!!! </h1>
    <hr>
    
  </body>
</html>
```





Wednesday's Mystery File

- Why couldn't I find that image?
 - * Did name in html file match image name?
 - Correct!
 - * Where was it?
 - On my desktop
 - *Not* in the images folder
- What's a better way of keeping track of files?





Keeping Things Straight

- Match desktop and remote:
 - * folder for folder
 - * file for file

Local Mark Files Commands Session Options Remote Help

C: Local Disk

C:\Users\daclem\Documents\MyWebSites\FIT100_08wi

Name	Ext	Size	Type	Changed
..			Parent directory	1/17/2008 9:16:01 PM
examples			File Folder	1/16/2008 5:16:42 PM
files			File Folder	1/11/2008 10:29:52 PM
homework			File Folder	1/16/2008 10:35:01 AM
images			File Folder	1/16/2008 8:09:47 AM
labs			File Folder	1/16/2008 1:10:58 AM
other			File Folder	1/17/2008 9:52:53 PM
projects			File Folder	1/16/2008 12:57:19 AM
slides			File Folder	1/17/2008 9:43:10 PM
styles			File Folder	1/17/2008 8:30:04 PM
videos			File Folder	1/4/2008 9:31:48 PM
_shell.html		6,691	Firefox Docum...	1/16/2008 12:24:28 AM
accommodations100.html		7,460	Firefox Docum...	1/13/2008 10:38:16 PM
calendar100.html		27,495	Firefox Docum...	1/17/2008 9:16:01 PM
codingSteps.html		10,707	Firefox Docum...	1/16/2008 12:47:16 AM
computing100.html		12,185	Firefox Docum...	1/13/2008 10:41:02 PM
conduct100.html		12,805	Firefox Docum...	1/13/2008 10:40:28 PM
extra_credit_papers.html		2,292	Firefox Docum...	1/6/2008 9:51:34 PM
grading100.html		13,387	Firefox Docum...	1/17/2008 1:14:31 PM
index.html		14,719	Firefox Docum...	1/17/2008 8:32:04 PM
movies.html		8,484	Firefox Docum...	1/14/2008 12:18:15 PM
syllabus100.html		21,191	Firefox Docum...	1/13/2008 10:38:16 PM
vision100.html		8,928	Firefox Docum...	1/13/2008 10:38:58 PM

0 B of 248 KB in 0 of 22

F2 Rename F4 Edit F5 Copy F6 Move F7 Create Directory F8 Delete F9 Properties F10 Quit

0 B of 165 KB in 0 of 22

SFTP-3 0:02:09



Searching the WWW

*Locating the right information
on the WWW requires effort*



Looking In the Right Place

Google is not the first place to look

- Go directly to a site -- www.irs.gov

Guessing a site's URL is often very easy, making it a fast way to find information

- Go to right site -- dictionary.cambridge.org
- Go to the library -- www.lib.washington.edu
- Go for the kind of information you want -- www.npr.org

Ask, "What site provides this information?"



Search Engines

No one controls what's published on the WWW ... it is totally decentralized

To find out, *search engines crawl Web*

* Two parts

- *Crawler* visits Web pages building an *index* of the content (stored in a database)
- Query processor checks user requests against the index, reports on known pages

Only a fraction of the Web's content is crawled



Google Advanced

GoogleTM [Advanced Search Tips](#) | [All About Google](#)

Advanced Search

Find results

with **all** of the words 10 results

with the **exact phrase**

with **any** of the words

without the words

Language Return pages written in

File Format return results of the file format

Date Return web pages updated in the

Occurrences Return results where my terms occur

Domains return results from the site or domain
e.g. google.com, .org [More info](#)

SafeSearch No filtering Filter using [SafeSearch](#)



Boolean Queries

Search Engine words are independent

Search for ►

- * Words don't have to occur together
- To be explicit about occurrences use Boolean queries and quotes
 - * Logical Operators: AND, OR, NOT
 - monet AND water AND lilies
 - "van gogh" OR gauguin
 - vermeer AND girl AND NOT pearl



Demonstration

- Google Images
 - * monet AND water AND lilies
 - * "van gogh" OR gauguin
 - * vermeer AND girl AND NOT pearl



Queries

Searching strategies ...

- * Limit by top level domains or format
- * Find terms most specific to topic
- * Look elsewhere for key words, e.g. bio
- * Use exact phrase only when universal
- * If too many hits, re-query
- * "Search within results" using "-"



Queries

- Once found, ask if site is best source
 - * How authoritative is it?
 - * Can you believe it?
 - * How crucial is it that the information be true?
 - Cancer cure for Gramma
 - Hikes around Seattle



Truth on the Web

- Much Web information is wrong
- Using the Web effectively means recognizing quality information
 - Information from reliable organizations is usually preferred -- check out ownership
 - Look for accuracy, currency, ...
 - Follow links to verify that the content supports the original page

Best: Locate independent verification



A Bogus Site

The Burmese Mountain Dog



Burmese Mountain Dog Guarding

[Gawdawpalin Temple](#)

The **Burmese Mountain Dog** is a medium sized, muscular dog originally bred in Burma (Myanmar) to guard Buddhist temples. It was bred to guard the temples, and keep the temples free of rodents and beggars. It is also known as the Burmese Temple Dog. In 1954, a group of [Burmese Opium Lords](#) set up a standard for the **Burmese Mountain Dog** which has remained virtually unchanged ever since. The Burmese Mountain Dog Club of America was established in 1985 to foster the breed in the United States and the world.

So you want to own a **Burmese Mountain Dog**?

- The **Burmese Mountain Dog** is a breed of dog able to guard, ferret small game, and protect property.
- The **Burmese Mountain Dogs** are remarkably clean dogs. They are easy to keep as they are rarely noisy or

<http://www.burmesemountaindog.org/>



A Bogus Site

[Attention Students: Try our MLK Pop Quiz](#)

Martin Luther King, Jr.

A True Historical Examination

That night King retired to his room at the Willard Hotel. There FBI bugs reportedly picked up 14 hours of party chatter, the clinking of glasses and the sounds of illicit sex - including King's cries of "I'm f--ing for God" and "I'm not a Negro tonight!"

Newsweek Magazine
January 19, 1998



Historical Writings

Essays, Sermons, Speeches & More

Truth About King

Who He Fought and Fought For

Death of the Dream

The Day King Was Shot

The King Holiday

Bring the Dream to Life

Civil Rights Library

History of People and Events

Jews & Civil Rights

Who Led The Civil Rights Movement

Suggested Books

<http://www.MartinLutherKing.org>



True Site, Bogus Implication

EAC United States Environmental Assessment Center

DHMO.org

Dihydrogen Monoxide Research Division

Support the cause! Visit the DHMO.org Store

VISA PayPal MasterCard

DHMO Special Reports

- [Dihydrogen Monoxide FAQ](#)
- [Environmental Impact of DHMO](#)
- [Dihydrogen Monoxide and Cancer](#)
- [DHMO Surveys & Research](#)
- [DHMO in the Dairy Industry](#)
- [DHMO Conspiracy](#)
- [Editorial: Truth about DHMO](#)
- [Fake Email SPAM Alert](#)
- [Linking to DHMO.org](#)

WELCOME

Welcome to the web site for the Dihydrogen Monoxide Research Division (DMRD), currently located in Newark, Delaware. The controversy surrounding dihydrogen monoxide has never been more widely debated, and the goal of this site is to provide an unbiased data clearinghouse and a forum for public discussion.

Explore our many [Special Reports](#), including the [DHMO FAQ](#), a definitive primer on the subject, plus reports on the [environment](#), [cancer](#), [current research](#), and an insider

DHMO Related Info:

- [Media Press coverage](#)
- [National Consumer Coalition Against DHMO](#)
- [Green Party, New Zealand](#)
- [Environmental Protection Agency](#)
- [NIH National Toxicology Program](#)

<http://www.dhmo.org>



Unit I Project

Create a bogus (fictitious) Web page

To appreciate how easy it is to fake
"quality" info you will build a bogus
Web page

- Modify photograph, changing its meaning
- Write misleading text
- Add "authenticity" links, fake credentials ...



Unit I Project

- * Your page should look as legitimate as possible, but contain false information
- * A site visitor should start out believing your site, but by the time they finish reading, they should realize that it's a hoax
- * Forget subtlety!



Project 1 Details on Web

You will ...

- * Write page in HTML
- * Find/take a photo
- * Modify w/ Photoshop
- * Find "authenticity" links
- * Milestones
 - Turn In by 5pm Friday January 25:
Web page plans and selected photos
 - Turn In by 5pm Friday February 1:
Complete Web page + photo

Topics

Mars Rover

Iraq Reconstruction

UW Athletics Woes

Democratic Race

California Recall

Recent Int'l Story

Google Research



Here's How It Works

Follow these steps:

- * Create your page on your local computer
- * When finished, publish it on the server
- * Do not touch after the deadline (5:00 pm)
- * Submit your files in Catalyst Collect It
- * Leave your page unchanged until grading is complete

We will check
the timestamps



Upcoming

- HW 2 due tonight at 5pm
- Martin Luther King holiday on Monday
- Labs 2 and 3 are due Tuesday
- For Wednesday:
 - * Read Chapter 7 of *Fluency*
- Any lab next week:
 - * Pop quiz



Questions

- Over the weekend and throughout the next six weeks, think about
 - * What is Dante and where is it?
 - * Where are your Web files stored?
 - * What is the Students server?
 - * How does Students relate to what is in your SSH File Transfer window?
 - * What does "local" mean?
 - * What does "remote" mean?