

Announcements

- Remember: you are responsible for verifying what you submit through the submit server. You can download the zip file you submitted.
- No office hours during Spring Break
- Any questions about P3?

Lynx

- No graphical browser
- Demo
 - How to start lynx
 - How web links are represented
 - Selection by moving to link (using arrow keys) and pressing enter
 - Moving back with the left arrow key

Web Directories

- Web directory – directory on the web specializing in linking to other web sites and categorizing those links (definition taken from wikipedia)
- Directories can be organized in different ways
 - By topic
 - Alphabetically
 - Others
- What's the difference between web directories and search engines?
 - Search engines are automated

Web Directories

- Examples
 - <http://lii.org/>
 - <http://search.looksmart.com/>
 - <http://dmoz.org/>
 - <http://dir.yahoo.com/>
 - <http://www.gimpsy.com/>

Metasearch Engines (info from Wikipedia)

- **Metasearch engine** – search engine that sends user requests other search engines and/or databases and returns the results
- They allow users to enter their search criteria only one time and access several search engines simultaneously (from wikipedia)
- Some metasearch engines
 - Complete a search using popular search engines
 - Other include lesser-known engines, newsgroups and other databases

Metasearch Engines

- www.brainboost.com
 - Uses machine learning and natural language processing AI techniques to answer questions
 - Acquired by answers.com
- <http://www.metacrawler.com>
- <http://us.ixquick.com>
- <http://www.dogpile.com/>
- <http://www.myriadsearch.com/>
 - Video demo at: <http://www.myriadsearch.com/>
- <http://www.kartoo.com/>
 - Presents results in a series of interactive maps. Let's search for cmsc102

Keeping in mind that ...

- Queries requiring advanced search syntax are not good candidates as the metasearch engine may strip the syntax
- Time it takes for processing the query
- Information provided by a typical search engine could be removed by the metasearch engine (e.g., ranking information)

Additional Sources

- Internet Search Engines Collection

<http://library.albany.edu/internet/engines.html#collections>

- Guide on how to choose the best search engine according to what you are looking for

<http://library.albany.edu/internet/choose.html>

- To keep up-to-date on search engines information

<http://www.searchenginewatch.com/>

Invisible Web (from wikipedia)

- Invisible web - Pages on the World Wide web that are not part of the surface web indexed by search engines. It consists of pages which are not linked to by other pages, such as dynamic web pages
- Deep web should not be confused with the terms dark web or dark internet
- Most of the deep web is composed by searchable databases