COSC 400 - Obtaining information

Session 2
Breakfast

- Video 1 – Libraries – (Starts @ 1 min 45 sec)
Session 2 - Summary

- Last week
- Open Access
- ADT & NDLTD
- IEEE, ACM, LNCS, CCSB, ??
- Scopus, WoS & Google
Last Week?

• UC Library 400+

• Information literacy & the graduate profile

• Why literature search?

• Choosing appropriate resources

• Basics - UC Catalogue & ProQuest/MultiSearch
Open Access

- Definition?

- ArXiv, Citeseer, OAIster


  - Pay to publish
ADT & NDLTD

- Thesis portal –
  http://www.library.canterbury.ac.nz/thesis


- NDLTD – www.scirus.com – preferences
IEEEExplore

• “... delivering full text access to the world's highest quality technical literature in electrical engineering, computer science, and electronics.”

• Hardware oriented

• 1988>

• “searchable” through Google
ACM Digital Library

• “a vast collection of citations and full text from ACM journal and newsletter articles and conference proceedings.”

• “full-text repository of papers from publications that have been published, co-published, or co-marketed by ACM and other publishers.”

• Easy?
• “a collection of bibliographic citations and abstracts of works published by ACM and other publishers. Citations for all ACM published works are included in the Guide as a small subset of the total bibliographic space.”

• Easy?
• Via SpringerLink

• Single largest Computer Science “series” that UC Library subscribe to

• V.1186 (1997) to present available electronically
Collection of Computer Science Bibliographies

- “a collection of bibliographies of scientific literature in computer science from various sources, covering most aspects of computer science”

- “more than 2 millions of references (mostly to journal articles, conference papers and technical reports), clustered in about 1500 bibliographies, and consists of more than 2.3 GBytes (530MB gzipped) of BibTeX entries. More than 600 000 references contain cross references to citing or cited publications.”

- “More than 1 million of references contain URLs to an online version of the paper. Abstracts are available for more than 800 000 entries. There are more than 2000 links to other sites carrying bibliographic information.”
Index only versus full text

- WoS, Scopus & Google Scholar
- Index only + linking
- What is citation searching?
- Sciencedirect, SpringerLink
- [www.library.canterbury.ac.nz/databases]
Indexes - The Big 3

- **Title:** Steady-state simulation of queuing-processes – a survey of problems and solutions
- **Author(s):** Pawlikowski, K
- **Source:** COMPUT SURV 22 (2): 123-170 JUN 1990

- How many citations in each of the big 3?
- Can you obtain at UC?
Last Week

facebook®
• Why does it matter?
• GOOG @ www.nyse.com versus www.nzx.com
• The Dalles, Oregon (NY Times, 14 Jun 06)
• Advanced search options

• Repeating words – e.g. computer computer science

• Word order – e.g. science computer

• Localized – e.g. www.google.co.nz

• Results – look a bit harder?
More Google

- [http://news.google.com](http://news.google.com)
  - Good for current – See also Newztext, Factiva

  - 32m in next 10yrs
  - Publishers & major libraries

  - article linking – e.g. Tim Bell
  - bibtex exporting
More Google

- Google Patent Search
  - http://www.google.com/patents

- Google Code Search
  - http://www.google.com/codesearch
Managing Bibliographies

• Build your own?

• Endnote
  Examples: ruby, ubuntu, xml

• Alternatives – JabRef, Zotero