Chemistry 2000: resolving finer detail

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Cambridge University
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

(ChemSites)
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

Links for Chemists:

http://www.liv.ac.uk/Chemistry/Links/links.html

8500 links (August 2001)

ChemDex:

http://www.chemdex.org/

5806 links (August 2001) 1 % failure rate
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

Extend list of chemistry departments to a list of chemists?
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

- Is it sustainable?
• Is it sustainable?
  – Update often (at least once a month?)
  – Do not do too much work
Is it sustainable?
- Update often (at least once a month?)
- Do not do too much work

Is it reasonable use of information?
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

- Is it sustainable?
- Is it reasonable use of information?
- Java/XML programs check and update the list once a month
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

• Need:
  – free information
  – already publicised
    • so should be easy to find
  – consistent form
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

• List of University Chemists:
  – all academics like publicity
  – a lot of information is available
  – consistent format
  • name; university; research
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

- List of University Chemists:
  - all academics like *favourable* publicity
  - a lot of information is available
    - *some good*
  - consistent format, *very often*
    - name; university; research
List of University Chemists:
- Extend existing department-checking programs to look for people
- Is this feasible?
  - Annoying neighbours
  - robots.txt
List of University Chemists:
- How reliable?
  - Is it reliable enough to be useful?
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

- List of University Chemists:
  - How reliable?
    - Is it reliable enough to be useful?
  - 8567 entries
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

- List of University Chemists:
  - How reliable?
    - Is it reliable enough to be useful?
  - 8567 entries
    - Is this a lot?
    - Some entries are not people!
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/

• How to present the results?
  – 500 files
    • one list for each university
  – 3.3 MB - slow to download
  – Clumsy to search
• How to present the results?
  – Java Applet
    • Download in compressed format
      – jar file
    • One file
    • < 0.2 MB
    • Improved searching
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

- A list of chemists is now available
  - from list of chemistry departments
    - sustainable
    - frequently updated
• A list of chemists is now available
  – from list of chemistry departments
  • sustainable
  • frequently updated

• Fairly comprehensive and accurate
Chemistry 2000
http://www.ch.cam.ac.uk/c2k/

• A list of chemists is now available
• How useful is it going to be?
Chemistry 2000

Aberdeen
Anglia Polytechnic University
Bangor
Bath
Belfast (Queen's)
Birmingham
Bristol
Brunel

Joshua L. Goodman: New York - Rochester (USA)
MURRAY GOODMAN: California - University of California - San Diego (USA)
Ms. Pat Goodman: Alabama - Samford (USA)
Chemistry 2000

http://www.ch.cam.ac.uk/c2k/stafflist.html

Andersson, Prof. James G.: Massachusetts - Harvard
Moungi G. Bawendi: Massachusetts - MIT
Stephen L. Buchwald: Massachusetts - MIT
Jianzhao Cao: Massachusetts - MIT
John Caradonna: Massachusetts - Boston
Sylvia T. Ceyer: Massachusetts - MIT
Richard Caikie: Massachusetts - Boston
David F. Coker: Massachusetts - Boston

H cookie, Prof. Ellis: Massachusetts - Harvard
X-Ray crystallography: Massachusetts - Harvard
Christopher C. Cummins: Massachusetts - MIT
Rick L. Danheiser: Massachusetts - MIT
Alan Davison: Massachusetts - MIT
John M. Deutch: Massachusetts - MIT
Den Dill: Massachusetts - Boston
Doering, Prof. William von E.: Massachusetts - Harvard

http://www.chem.harvard.edu/faculty/corey.html

Magnus chemistry

c2k: 8567 chemists
Stephen Allen and

Jonathan M Goodman Cambridge University (c) 2001
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