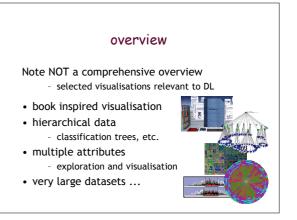
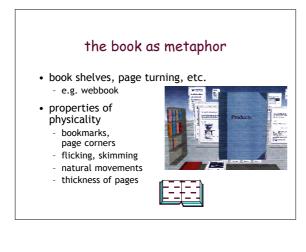
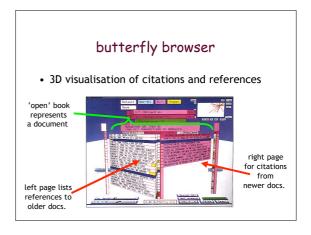
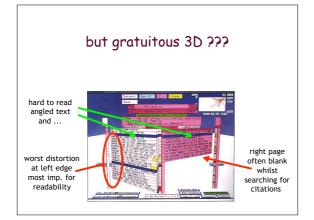


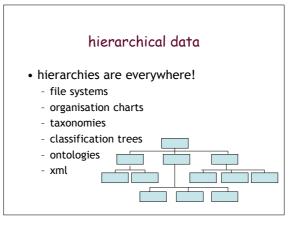
Alan Dix Lancaster University, UK www.hcibook.com/alan/teaching/delos

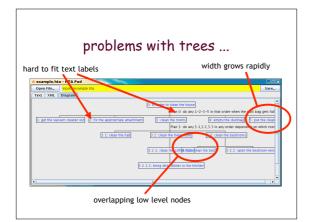


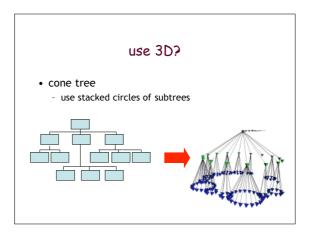


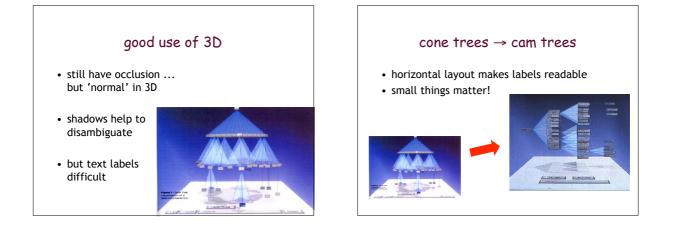


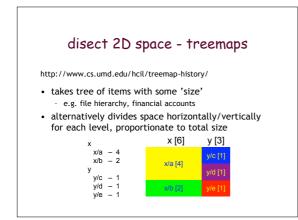


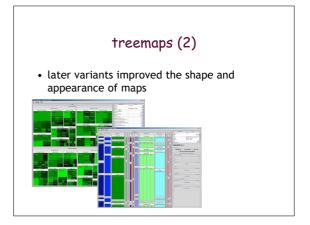


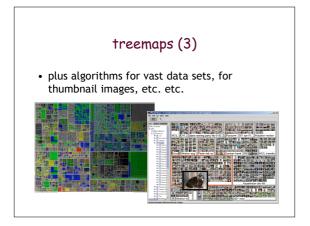




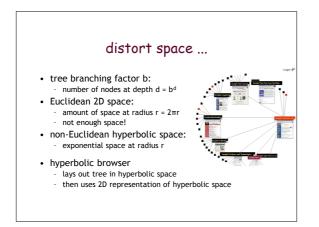










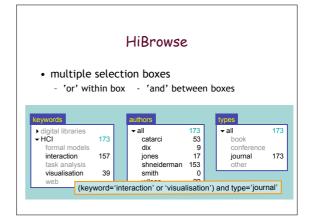


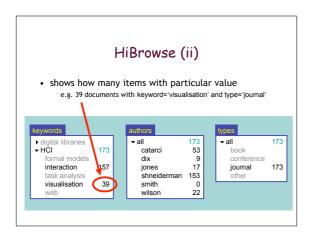
multiple attributes

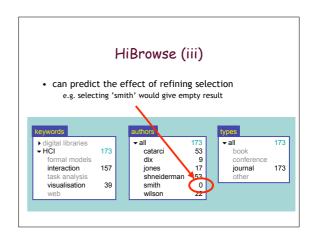
- often data items have several attributes
- e.g. document:
- type (journal, conference, book)
- date of publication
- author(s)
- multiple keywords (perhaps in taxonomy)
- citation count
- popularity

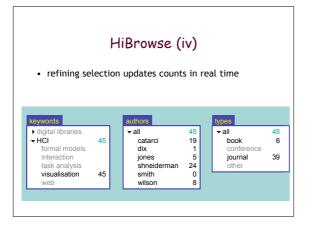
traditional approach ... boolean queries

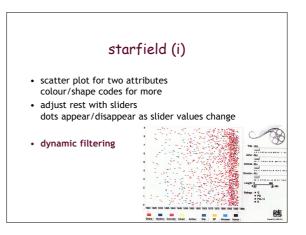
- > new query
- ? type='journal' and keyword='visualisation'
- = query processing complete 2175 results
- list all (Y/N)
- > N
- > refine query
 - refine: type='journal' and keyword='visualisation'
- + author='smith'
- = query processing complete 0 results

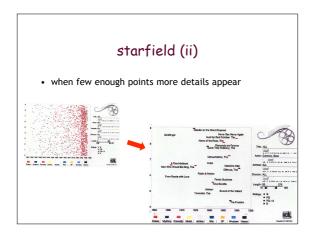


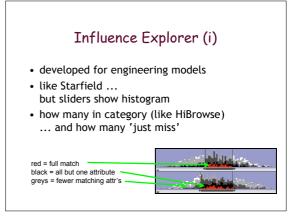












Influence Explorer (ii)

- some versions highlight individual items in each histogram
 - Carl Transford

Information Scent

- Starfield shows what is *currently* selected • explore using trial and error
- HiBrowse and Influence Explorer show what *would* happen
- Pirolli et al. call this Information Scent
 things in the interface that help you know what actions to take to find the information you want

very large datasets

too many points/lines to see

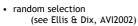
• similar technique has been used to match

multiple taxonomic

classifications

solutions ...

 space-filling single-pixel per item Keim's VisD



- clustering
 - visualise groups not individuals

