penntags

social networking tools and discovery
social networking

“The essential ingredient of next generation social networking, social operating systems, is that they will base the organization of the network around people, rather than around content.”

Horizon Report, 2008
collective intelligence

“In the coming years, we will see educational applications for both explicit collective intelligence – evidenced in projects like the Wikipedia and in community tagging – and implicit collective intelligence, or data gathered from the repeated activities of numbers of people”

*Horizon Report, 2008*
miscellany

“How content is actually arranged does not determine how that content can and will be arranged by their users. [Digital content is] miscellaneous because users don’t need to know the inner organization, because that inner order doesn’t result in the preferred order of use, and because users have wide flexibility to order the pieces as they want, even and especially in unanticipated ways.

David Weinberger – Everything is Miscellaneous

aggregation

“The overall effect of ‘distributed navigation’ brought upon by content aggregators is that we’re witnessing the control of content shift from designers to users. Users are finding new, highly effective aggregators much to their liking, and in doing so are bypassing much of what we’ve built for them.”

Joshua Porter – digital web magazine
collaborative communities

“In tagging, syndication, ranking and bookmarking we have the rudiments of a peer-to-peer trust, reputation and recommendation system well suited to self-regulating collaborative networks.”

Tim O’Reilly – The Architecture of Participation
using penntags
a demonstration of PennTags and directions suggested

• we built a social bookmarking & annotation system
  • now we had to figure out how to make people use it!
standards

- horizontal functional bands of services
  - authentication / authorization / access
  - bibliographic / descriptive
  - persistence
  - discovery
  - publishing and presence
  - sharing and migration

- the interface between these functional bands is the domain of standards
standards – identities

- people
  - affiliations
    - institutional
    - collaborative
  - financial or transactional
  - social network - FOAF & other trust evaluation info
  - profiles
    - release & modification
    - privacy & security issues

- objects
  - persistence & citability
  - disambiguation
standards – content

- for capture
  - embedded or as a web service call in content
  - at appropriate atomic level
- for description
  - portable, compact format for transmission
  - appeal to authoritative sources
    - registries
    - dlf ils api
    - amazon web services
    - etc
- for mobility
  - move between social networking systems, bibliographic managers, documents, web pages, etc
  - syndication (i.e. rss or atom)
standards – tools

- transportability of tools and effort
  - write once, use many

- content & function in “foreign” systems
  - export to facebook, myspace, igoogle, netvibes …

- more like this - recommender APIs, reviews, ratings

- javascript, ajax & web2.0 libraries