7th ECDL NKOS Workshop

Organisers:
Marianne Lykke Nielsen
Traugott Koch
Doug Tudhope

Presentation

- NKOS overview
- Workshop programme
- Introductions
  - Name, affiliation, KOS-related interests
  - Sign up sheets

- Dinner arrangements

NKOS: Networked Knowledge Organization Systems/Services

Informal network for enabling knowledge organization systems (KOS), such as classification systems, thesauri, gazetteers, and ontologies, as networked interactive information services to support the description and retrieval of diverse information resources through the Internet

- Two ongoing series of NKOS workshops
  - JCDL Conferences in the US
  - ECDL Conferences in Europe
  - DC NKOS workshop 2005, 2008
- Listserv hosted by OCLC
- Special issues in JoDI (2001, 2004), NRHM (2006)
- See details on NKOS website **http://nkos.slis.kent.edu/**

NKOS Workshops

• **US DL/JCDL**	**ECDL**
• 1997 - Philadelphia	**2000 – Lisbon**
• 1998 – Pittsburgh (1st)	**2003 – Trondheim**
• 1999 – Berkeley	**2004 – Bath**
• 2000 – San Antonio	**2005 – Vienna**
• 2001 – Roanoke	**2006 – Alicante**
• 2002 – Portland	**2007 – Budapest**
• 2003 – Houston	**2008 – Aarhus (7th)**
• 2005 – Denver	**Dublin Core NKOS Session**
• 2008 – DC (with Cendi)	**2005 – Madrid**
	2008 – Berlin (Sept Wed 24)

Publication

- All presentations will be on workshop website
  http://www.comp.glam.ac.uk/pages/research/hypermedia/nkos/nkos2008

- NKOS encouraged to deposit with DList repository
  are presenters willing to do this?

- Anyone interested in submitting extended research paper version for possible NRHM/JoDI publication
  please let us know

Agenda: KOS integration into DL services

from Hill02 Research Agenda KOS/DL

Taxonomy of KOS - KOS types linked to DL service protocols

Registries of KOS and KOS-level metadata to represent them

XML/RDF KOS representations - customisable

Core set of relationship types across all KOS

General KOS service protocol

    from which protocols for specific types of KOS can be derived

Robust linking model in which DL entities (collections, objects, and services) can refer to KOS entities (concepts, labels, and relationships)

Visualization tools that fully use and display the rich semantics embedded in KOS

Terminology Services

Searching for concepts

  schemes in registries

  concepts/terms in taxonomy servers

Search support for queries

  collection finding

  cross-searching, cross-browsing, mapping services

  KOS browsing and user interface/visualisation

  query expansion, disambiguation

  automatic indexing and classification

  extraction/mining of terms

  translation support using vocabularies

JISC review on Terminology Services and Technologies

  http://www.jisc.ac.uk/media/documents/programmes/capital/terminology_services_and_technology_review_sep_06.pdf

Future work: options for collaboration

- Max Planck Wiki (Traugott)

- Collect NKOS web services
  Try out, evaluate

- Share experiences on NKOS website:
  - Case studies
  - User studies
  - Cost/benefit calculations

- Evaluation for different KOS activities