

Scoping study of KOS registries

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Terminology registry scoping study

- 6 month JISC funded project led by UKOLN in collaboration with Glamorgan and OCLC
- Analyse issues related to potential delivery of a Terminology Registry as a shared infrastructure service within the JISC Information Environment.
- Consider how a Registry might support development of terminology and other services within the context of a services oriented environment.
- Acknowledgement Traugott Koch and Rachel Heery for material informing presentation

How to encourage use of existing KOS and development of KOS-based tools?

- Various lists of existing KOS available with some form of metadata and links to content as an intellectual resource

Eg

- HILT: Vocabulary resources. <http://hilt.cdlr.strath.ac.uk/Sources/vocabulary.html>
- SPECTRUM Terminology Bank. <http://www.mda.org.uk/spectrum-terminology/termbank.htm>
- Synapse (now: Factiva) Taxonomy Warehouse <http://www.taxonomywarehouse.com/>
- Traugott's list at Lund (being recreated at Max Planck)

giving some support for human inspection

How to better support both human and machine access?

Terminology (KOS) Registries ?

- Currently move to registries of collections with defined services
Eg JISC Information Environment Service Registry (IESR):
<http://iesr.ac.uk/>
- Can we also move towards *registries of machine accessible KOS* making KOS content available in different kinds of tools via terminology (web) services?
- Basic registry with metadata and links to KOS?
or rich registry with added value (web) services?
- Need standards for KOS representation and access protocols
- Need standards for metadata on KOS
- Need to consider business case (ROI) and cost effectiveness
- *who will maintain?*
- Do we need to think more about typologies of KOS, what distinguishes the different types of KOS?

Terminology Registries – some work to date

- NKOS Reference document for data elements. Vazine Goetz 2001
http://staff.oclc.org/~vazine/NKOS/Thesaurus_Registry_version3_rev.htm
- (Metadata and) Vocabulary Registries. Rachel Heery, NKOS Special Session at DC-2005.
<http://www.ukoln.ac.uk/terminology/events/NKOSatDC2005/NKOSatDC2005/heery-nkos-v2.ppt>
- Bargmeyer, Bruce (2005). eXtended Metadata Registries (XMDR). Presentation at the 7th NKOS Workshop at JCDL 2005.
<http://nkos.slis.kent.edu/2005workshop/Bargmeyer.ppt>
- XMDR <http://www.xmdr.org/>
- NSDL Registry. <http://metadataregistry.org/>
- Gail Hodge presentation at 10th Open Forum on Metadata Registries
Terminology Resource Registry: Descriptions for Humans and Computers
in collaboration with UN FAO and others

JISC Scoping Study on Terminology Registries

UKOLN-Glamorgan, 6 months, just starting

- The role of a terminology registry will be considered in relation to other components of the information landscape, in particular with regard to other JISC IE shared infrastructure services, such as the JISC IE metadata registry (IEMSR) and the JISC IE service (and collection) registry (IESR).
- The study will describe **usage scenarios and use cases, investigate requirements and sustainability, study costs and benefits**. It will look at organisational questions such as **who is to create, maintain and host** the content of the registry and at cooperation with similar registries.
- Architectural issues will be explored, in particular the potential for co-ordination of registry efforts within the JISC IE and across domains.
- The scoping study will make recommendations on which JISC can base decisions on future provision of a terminology registry.

Terminology Registries?

All input very welcome!

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