A linked-data vocabulary of grey literature document types: Version 1.0

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Starting points

• An Analysis of Current Grey Literature Document Typology presented on GL12, available
  http://www.nusl.cz/ntk/nusl-41999

• Draft version of the vocabulary of the types of grey literature presented on GL12 as poster
Working group

14 members

- Team in NTK – Pejšová, Simandlova, Mynarz
- Grey literature specialists – Vaska, Luzi, Marzi, Asserson, Crowe, Jeffery, Dušková, Newbold, Schopfel, Farace
- Ontological engineering expert - Svátek
• Open for comments until July 06, 2011
• Apply comments until September 30, 2011 – 42 comments were accepted
• Test it and publish 1st version by October 15, 2011
• Presentation on GL13, 5-6 December 2011
Main changes

• Focused on redefined some collections, some document types were merged and others excluded

• Major changes concerned monographs, informative materials, datasets and research plans collections
Before changes

gltype:monograph a skos:Concept ;
   skos:inScheme gltype: ;
   skos:topConceptOf gltype: ;
   skos:prefLabel "Monograph"@en, "Monografie"@cs ;
   skos:altLabel "Monography"@en ;
   skos:narrower gltype:reader, gltype:off-print ;
   skos:closeMatch bibo:Book ;
   skos:exactMatch <http://dbpedia.org/resource/Monograph> ;
   skos:definition "A monograph is a relatively short book or treatise on
   a single subject, complete in one physical piece, usually written by a
   specialist in the field. Monographic treatment is detailed and
   scholarly but not extensive in scope."@en ;
   skos:editorialNote "Taken from Reitz, Joan M. (c2004). Monograph.
   In Online Dictionary
After changes

gltype:monograph a skos:Concept ;
    skos:inScheme gltype: ;
    skos:topConceptOf gltype: ;
    skos:prefLabel "Monograph"@en, "Monografie"@cs ;
    skos:altLabel "Monography"@en ;
    skos:narrower gltype:annual, gltype:anthology, gltype:guidebook, gltype:handbook ;
    skos:closeMatch bibo:Book ;
    skos:exactMatch <http://dbpedia.org/resource/Monograph> ;
    skos:definition "A monograph is printed or electronic nonserial publication, completed in one volume or completed in the finite number of volumes."@en .
GL types

Characters:

• Definition
• Example
• Link to another vocabulary
• Location
Used technologies

- Comtrolled vocabulary in RDF (Resource Description Framework)
- Expressed as SKOS (Simple Knowledge Organisation System) concept scheme
- For project webpages is used Google Code
• The GL vocabulary is published as linked data

• Each type is identified by IRI (Uniform Resource Identifier)

• The GL vocabulary is interlinked and mapped to other datasets, such as Biblioontology or DCMI Types
Where to find?

Publicly available on:

http://code.google.com/p/grey-literature-typology/

- Click the Source tab.
- Click the Browse subtab
- Choose .rdf or .ttl format
Please discuss the possibility of using the GL vocabulary on LinkedIn GreyNet Group