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

Pejšová, Petra; Mynarz, Jindřich; Simandlová, Tereza
2011

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

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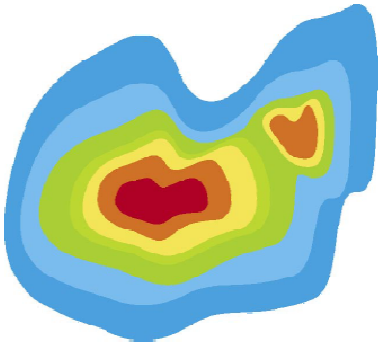

December 5-6, 2011

GL13, Library of Congress, Washington D.C. USA

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Starting points

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- 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

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Working group

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14 members

- Team in NTK – Pejšová, Simandlová, Mynarz
- Grey literature specialists – Vaska, Luzi, Marzi, Asserson, Crowe, Jeffery, Dušková, Newbold, Schopfel, Farace
- Ontological engineering expert - Svátek

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Shedule 2011

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- 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

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Main changes

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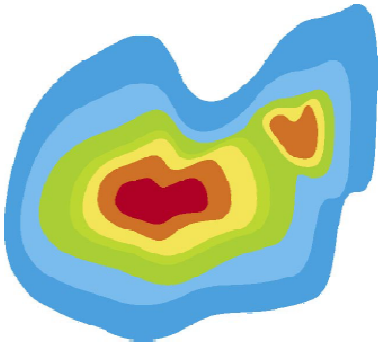
- Focused on redefined some collections, some document types were merged and others excluded
- Major changes concerned monographs, informative materials, datasets and research plans collections



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Before changes

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```
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
    for Library and Information Science. Retrieved March 23, 2011, from
    http://www.abc-clio.com/ODLIS/odlis_A.aspx"@en
    .
```

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After changes

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```
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
    .
```

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GL types

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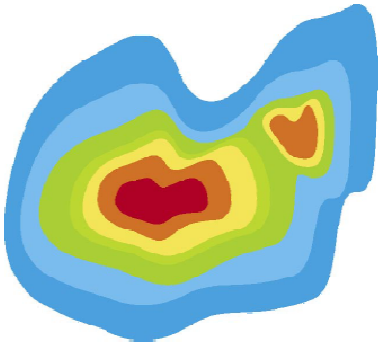
Characters:

- Definition
- Example
- Link to another vocabulary
- Location



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Used technologies

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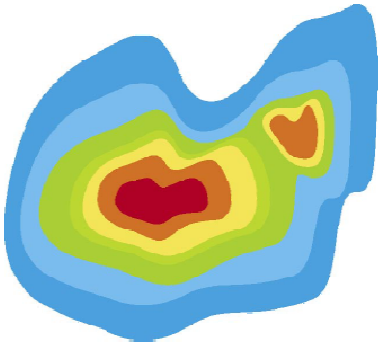
- Controlled vocabulary in RDF (Resource Description Framework)
- Expressed as SKOS (Simple Knowledge Organisation System) concept scheme
- For project website is used Google Code



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Linked data

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- 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

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Where to find?

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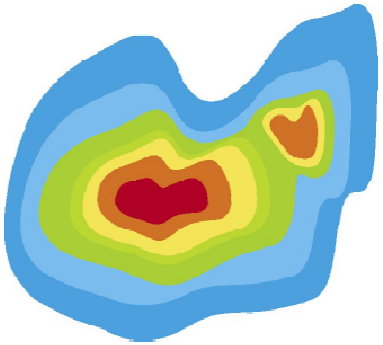
Publicly available on:

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

- Click the Source tab.
- Click the Browse subtab
- Choose .rdf or .ttl format



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Please discuss the possibility of using the GL vocabulary on LinkedIn GreyNet Group