



národní  
úložiště  
šedé  
literatury

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

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

Dostupný z <http://www.nusl.cz/ntk/nusl-81435>

Dílo je chráněno podle autorského zákona č. 121/2000 Sb.

Tento dokument byl stažen z Národního úložiště šedé literatury (NUŠL).

Datum stažení: 08.05.2024

Další dokumenty můžete najít prostřednictvím vyhledávacího rozhraní [nusl.cz](http://nusl.cz) .

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

210 mm

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

Petra Pejšová

National Technical Library, Czech Republic

[petra.pejsova@techlib.cz](mailto:petra.pejsova@techlib.cz)



December 5-6, 2011

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

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Starting points

210 mm

- 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

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Working group

210 mm

### 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

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Shedule 2011

210 mm

- 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

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



# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Before changes

210 mm

```
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
```

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## After changes

210 mm

```
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
```



# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## GL types

210 mm

### Characters:

- Definition
- Example
- Link to another vocabulary
- Location



# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Used technologies

210 mm

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

# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

## Where to find?

210 mm

Publicly available on:

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

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



# NTK

50°6'14.083"N, 14°23'26.365"E  
Národní technická knihovna  
National Technical Library

210 mm

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

