

Management of SKOS structures
 - creating concepts and schemes
 - search history
 - report bugs

Readers in HTML, JSON and XML
 - Core Concepts
 - Instances / Collections
 - Very usable with LOD

Search API
 "answering" in XML-RDF of JSON

Autocomplete API

Exchange SKOS via OAI-PMH (Service Provider and Harvester)

RESTful webservice for Concepts en ConceptSchemes (CRUD)



- Free
- Open Source
- SaaS

Mark Lindeman
 Picturae

CATCH

OPEN SKOS
 Open access to structured knowledge

SKOS
 Simple Knowledge Organization System
 from Chaos to Order

SKOS: Really short primer

ConceptSchemes

OpenSKOS:
 Platform for sharing and publishing SKOS structures
 OpenSKOS applications

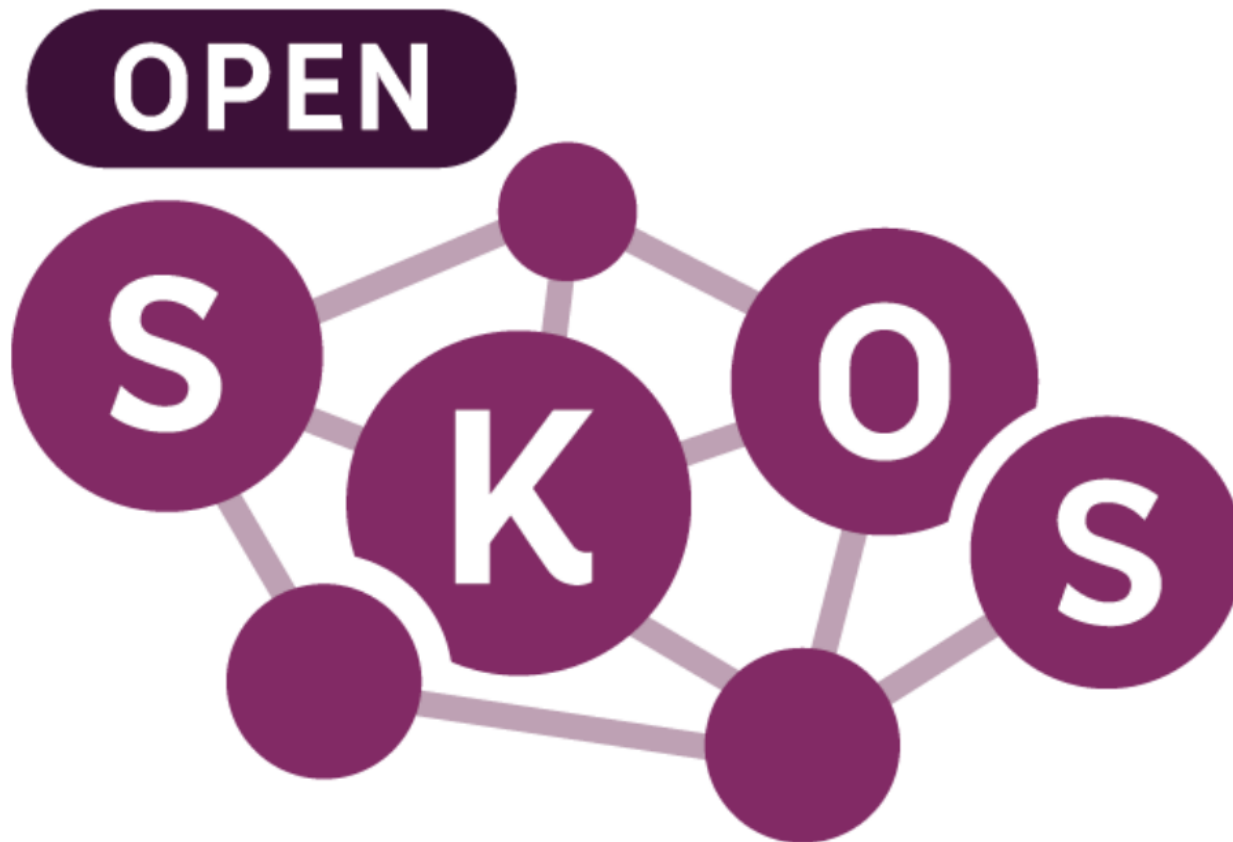
SKOS and the symantic web
 With SKOS we can participate in a network of concept schemes. If concepts are connected with other schemes, a distributed, heterogeneous global concept scheme. Symantic relations include:

- exactMatch
- closeMatch
- broadMatch
- narrowMatch
- relatedMatch

Mark Lindeman

Picturae

P **I** **C** **T** **U** **R** **A** **e**



Open access to structured knowledge

CATCH



CONTINUOUS
ACCESS
TO
CULTURAL
HERITAGE
PLUS

PICTURAE

SKOS

Simple Knowledge Organization System

from Chaos to Order

SKOS is an area of work developing specifications and standards to support the use of knowledge organization systems (KOS) such as thesauri, classification schemes, subject heading systems and taxonomies within the framework of the Semantic Web.

SKOS: Realy short primer

- SKOS knowledge organization systems consists of **Concepts**, organised in ConceptScheme's
- Concepts have a URL for identification
- Concepts have labels in 1 or more natural languages
- Concepts can be documented with notes
- Concepts may have symantic relations in an informal hierarchy

Concept

A concept is a unit of thought, independent of the used label

SKOS and the symantic web

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OpenSKOS:

*Platform for sharing and publishing
SKOS structures*

OpenSKOS applications

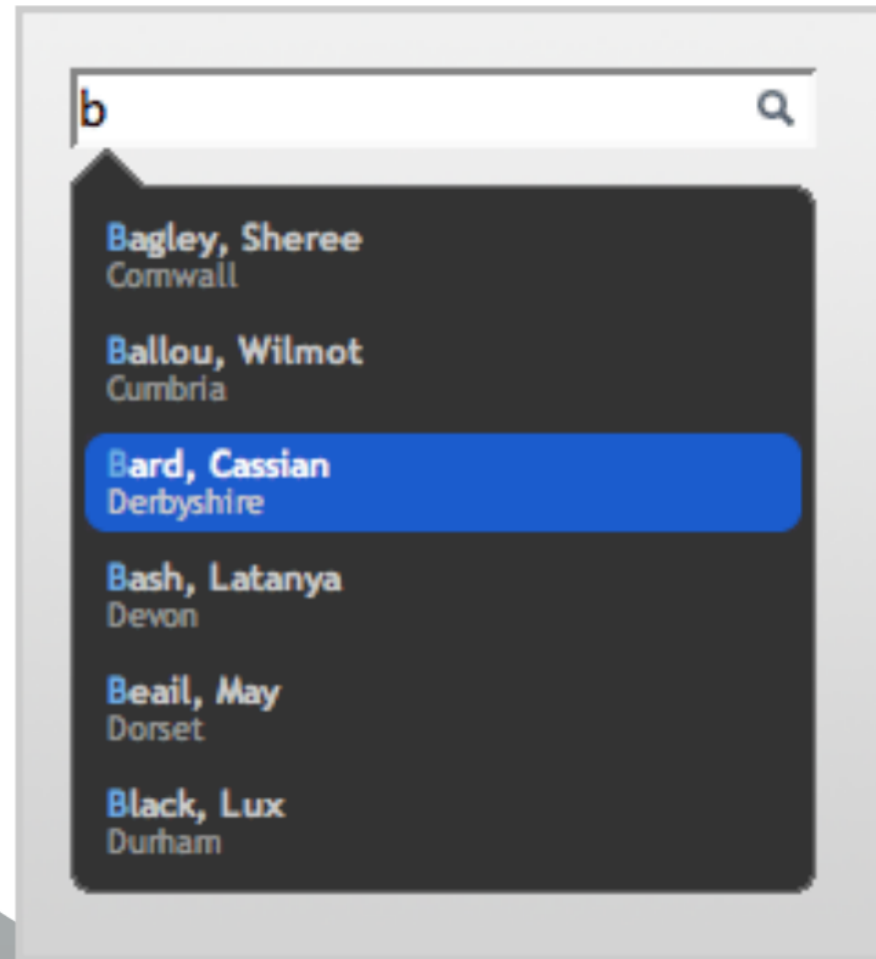
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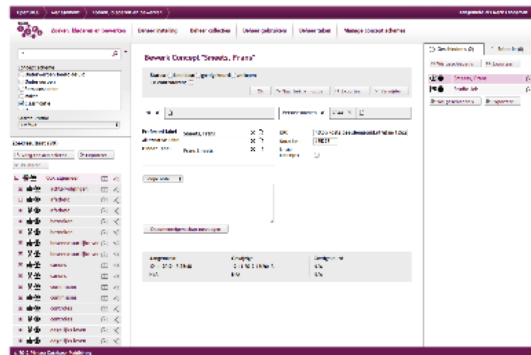
```
▼<rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:skos="http://www.w3.org/2004/02/skos/core#"
  xmlns:openskos="http://openskos.org/xmlns#" openskos:numFound="1" openskos:start="1"
  openskos:maxScore="11.805488">
  ▼<rdf:Description rdf:about="http://data.beeldengeluid.nl/gtaa/218059">
    <rdf:type rdf:resource="http://www.w3.org/2004/02/skos/core#Concept"/>
    <skos:prefLabel xml:lang="nl">doodstraf</skos:prefLabel>
    <skos:inScheme rdf:resource="http://data.beeldengeluid.nl/gtaa/OnderwerpenBenG">
    <skos:related rdf:resource="http://data.beeldengeluid.nl/gtaa/217572"/>
    <skos:related rdf:resource="http://data.beeldengeluid.nl/gtaa/215665"/>
    <skos:altLabel xml:lang="nl">kruisigingen</skos:altLabel>
    <skos:related rdf:resource="http://data.beeldengeluid.nl/gtaa/216387"/>
    <skos:broader rdf:resource="http://data.beeldengeluid.nl/gtaa/217190"/>
    <skos:broader rdf:resource="http://data.beeldengeluid.nl/gtaa/24842"/>
    <skos:inScheme rdf:resource="http://data.beeldengeluid.nl/gtaa/GTAA"/>
  </rdf:Description>
</rdf:RDF>
```

"Resolvers" in HTML, JSON and XML-
RDF for

- Concepts
- ConceptSchemes
- Collections
- Institutions / Organisations

Very usable with LOD!

- Management of SKOS structure
- creating concepts and schema's
 - translations of labels
 - search history
 - reporting





Concept scheme

- Onderwerpen beeld-geluid
- Onderwerpen
- Persoonsnamen
- Maker
- Classificatie

Search Profile

Default

Bewerk Concept "Smeets, Frans"

Status: kandidaat goedgekeurd verlopen
 Te controleren:

Ok Naar bekijk modus Exporteer Verwijder

NL Persoonsnamen GTAA

Preferred label: Smeets, Frans
 Alternative label:
 Hidden label: Frans Smeets

URI: http://data.beeldengeluid.nl/gtaa/15522
 Notation: 155225
 Is top concept:

Scope note

Documenteigenschap toevoegen

Aangemaakt	Gewijzigd	Goedgekeurd
12-11-2012 13:25:48	12-11-2012 13:26:13	N/A
N/A	N/A	N/A

Geschiedenis (2) Selectie (0)

Wis geschiedenis Exporteer

Smeets, Frans
 Studio Job

Wis geschiedenis Exporteer

Zoekresultaat (99)

Voeg toe aan selectie Exporteer

Relateren

- 00X algemeen
- achtervolgingen
- afscheid
- afscheid
- bezoeken
- bezoeken
- bovennatuurlijke ver
- bovennatuurlijke ver
- canons
- canons
- commissies
- commissies
- controles
- controles
- dagelijks leven
- dagelijks leven

OPEN



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