Web of Things Catalogue

The Web of Things (WoT) catalogue is a collection of concepts extracted from the following communication and classification standards:

- BLE GATT [*non-official copy*]
- BACnet [*non-official copy*]
- oneM2M
- OCF
- OMA LWM2M
- OpenHAB
- Webthings Schema
- Project Haystack
- EDDL (TODO)
- eCl@ss (TODO)
- IFC (TODO)
- OPC UA (TODO)
- ICM (TODO)

The instructions written in green are how to navigate to the next slide.
Click on the online search hyperlink

Getting Started

See the online search engine to browse concepts or download the full catalogue in Turtle.

Documentation

Concept definitions follow the Simple Knowledge Organization System (SKOS) W3C standard. SKOS includes two kinds of relation between concepts: subsumption (or inheritance) and relatednes. SKOS concepts are also put in different collections and schemes. A scheme corresponds to a source information model, assumed to be internally consistent but not necessarily consistent with other sources. If an

SKOS database visualization

○ Choose an existing database from our exemples

▶ Example database 1

○ Use a local database from my computer

D:\Document\...

Select local file

● Use a web link toward the digital database

http://...

Submit

Click on the submit button

Thesaurus name

🔍

▶ **Concept Scheme 1**
    Top concept 1

▶ **Concept Scheme 2**
    Top concept 2

Click on the caret next to Concept Scheme 2

Concept Scheme 1
Top concept 1

Concept Scheme 2
Top concept 2
Concept 2.1
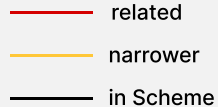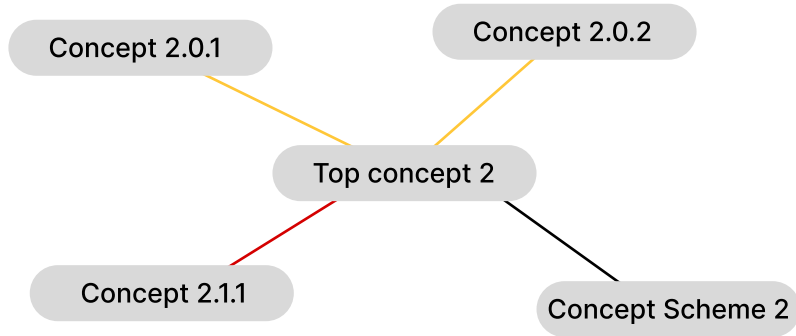Concept 2.2

Click on Top concept 2

Thesaurus name

Concept 2.0.1

Concept 2.0.2

Top concept 2

Concept 2.1.1

Concept Scheme 2

―― related
―― narrower
―― in Scheme

Click on Concept 2.1.1 in the relationnel representation

Top concept 2

(description top concept 2) blablabla

Atl label
 alt label 1
 alt label 2

Narrower
 narrower

Broader
 broader 1
 broader 2

Thesaurus name
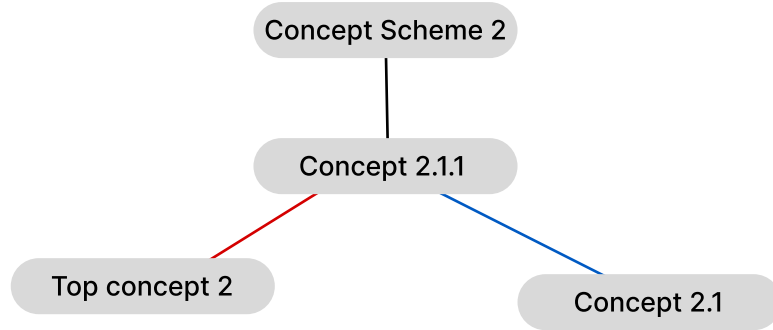

Concept Scheme 1
Top concept 1

Concept Scheme 2
Top concept 2
Concept 2.1
Concept 2.1.1
Concept 2.1.2
Concept 2.2

Concept Scheme 2

Concept 2.1.1

Top concept 2

Concept 2.1

related
broader
in Scheme

Concept 2.1.1

(description concept 2.1.1)
blablabla

Atl label
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Narrower
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