Integrating Network of Terms into Cocoda Mapping Tool

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Network of Terms

is a "simple search API to query one or more terminology sources"
(as presented earlier by Enno Meijers)

Cocoda Mapping Tool

uses different APIs to access terminologies and makes it easy to create
mappings between them

Steps

1. Understand Network of Terms' GraphQL API and result data structure.
    (Very easy with the examples in the NoT tutorial wiki on GitHub)
2. Create a so-called "provider" for Cocoda to access the Network of Terms GraphQL API and retrieve terminologies and their terms/concepts.
    (Little transformation required as NoT uses SKOS-based data format)
3. Profit!?!

All terminologies from Network of Terms are now selectable as source/target schemes

COLI CONC

Cocoda Mapping Tool

Source Scheme

search for schemes...

🌱 STCN: drukkers

🌱 EuroVoc - thesaurus van de Europese Unie

🌱 **AAT** Art & Architecture Thesaurus

🌱 **AAT - MATERIALEN** Art & Architecture Thesaurus - materialen

🌱 **AAT - PROCESSEN EN TECHNIEKEN** Art & Architecture Thesaurus - processen en technieken

🌱 **AAT - STIJLEN EN PERIODES** Art & Architecture Thesaurus - stijlen en periodes

🌱 GTAA: persoonsnamen

🌱 GTAA: classificatie

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Terms can be search for

GeoNames: geografische namen in Nederland, België en Duitsland ⊗ ⌄

🔍 amsterdam   6 results   ⚙

Amsterdam (NL)
Duivendrecht (NL)
Sloterdijk (NL)
Amsterdam-Duivendrecht (NL)
Amsterdam-Zuidoost (NL)
Klein Amsterdam (NL)

GeoNames: geografische namen in Nederland, België en Duitsland ⊗ ⌄

🔍 amsterdam   ⚙

▲Gemeente Amsterdam (NL)
▲Provincie Noord-Holland
⊗ Amsterdam (NL) ☆   ⊕

Concept   Meta   Links

Amsterdam (NL) preferred; und
Ámsterdam alternative; und
amstrdam alternative; und
อัมสเตอร์ดัม alternative; und

and details are loaded after selecting a term/concept

Suggestions are shown by performing a simple string search in the target terminology

and those suggestions can be turned into a mapping!

Conclusion

- Both Network of Terms and Cocoda are fully open applications which makes it easy to integrate them with each other.
- It has potential to make it easier to get SPARQL-based vocabularies into Cocoda.
- More fine work is required for full compatibility.

Thank You!

Project coli-conc:

https://coli-conc.gbv.de

Cocoda Mapping Tool:

https://github.com/gbv/cocoda

Network of Terms:

https://github.com/netwerk-digitaal-erfgoed/network-of-terms

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