

COCODA MAPPING TOOL

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<https://exo.pm/edug2019/slides.pdf>

WHAT IS COCODA?

Cocoda is a web-based tool for semi-automatic creation of mappings between different vocabularies.

BACKGROUND

- Developed by the GBV Head Office (VZG) in Göttingen, Germany.
- Part of Project coli-conc: <https://coli-conc.gbv.de>
- The mapping tool and its background services are available as open source repositories on GitHub.
- The data is openly available through APIs.

DATA SOURCES

- Data sources use the JSKOS format (SKOS in JSON-LD, <https://gbv.github.io/jskos/>).
- In Cocoda, different sources are configurable for
 - vocabularies
 - concepts
 - existing mappings
 - mapping recommendations

MULTILANGUAGE SUPPORT

- Cocoda has support for multiple interface languages, currently English and German.
- New languages can be added easily.
- Supports vocabulary data in multiple languages, e.g. Wikidata.
 - Currently, most of the available vocabularies in Cocoda are in German.

MAPPINGS

- Project coli-conc collected existing concordances with around 385,000 mappings.
- Additionally, mapping data from Wikidata is available (another ~? mappings).
- First use in production by Project KENOM (<https://www.kenom.de>):
 - Mapping of local systems to GND, Wikidata,

DATA CONVERSION

- Add your own data, etc.

LIVE DEMO

<https://coli-conc.gbv.de/cocoda/app/>

MORE INFORMATION

- This presentation: <https://exo.pm/edug2019/>
- Project homepage: <https://coli-conc.gbv.de>
- GitHub repository for Cocoda:
<https://github.com/gbv/cocoda>
- Cocoda documentation and manual:
<https://gbv.github.io/cocoda/>