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# Cocoda Mapping Tool

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# What is Cocoda?

- Cocoda is a web-based tool for semi-automatic creation of mappings between different knowledge organization systems (KOS).

# 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

# 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, Nomisma, and others.
  - 31,841 mappings created since November 2018.

# Multilanguage Support

- Cocoda has support for multiple interface languages, currently English and German.
- New languages can be added easily (contact us if you'd like to add Swedish 😊).
- Supports vocabulary data in multiple languages, e.g. Wikidata.
  - Currently, most of the available vocabularies in Cocoda are in German.

# Data Conversion

- Add your own data etc. (TODO)

# Live Demo

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



# More Information

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