Cocoda web application for mapping Wikidata and authority files

The Challenge
Wikidata has evolved to an important linking hub: more than 3,500 properties link items about concepts (people, places, works, topics...) to corresponding records in other databases. Tools like Mix’n’match¹ and OpenRe²fine² support alignment of external identifiers to Wikidata but they hit a wall with mappings beyond simple 1-to-1 equivalences, especially with hierarchical vocabularies such as classifications and thesauri.

The Project
Project coli-conc³ creates an infrastructure for management and creation of mappings between all kinds of authority files. This includes:
- collection of information about vocabularies
- collection of existing mappings
- standards and tools for management of mappings

The Solution
Cocoda is an open source web application to manage mappings between authority files — including Wikidata. Main features are illustrated here. The application is build of web services which can also be used and combined independently.

¹ https://tools.wmflabs.org/mix-n-match/
³ https://coli-conc.gbv.de/

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