Analysis of Synthesized DDC Numbers

Code4Lib 2021
lightning talk

Jakob Voß (VZG)

Dewey Decimal Classification (DDC)

- used in libraries since more than 100 years
- in more than 138 countries around the world
- 10 main classes with hierarchy
- DDC add tables for building new numbers
- Some numbers in the schedules are already build from building rules

Example: **700.90440747471**

- **700** Modern arts
- **T1--09044 1940-1949**
- **T1--074** Museums, collections, exhibits
- **T2--7471** New York Metropolitan Area

Analysis of synthesized DDC numbers

- Sophisticated building rules
- No easy way bay to classes contained in a synthesized DDC number!
- First attempts of automatic analysis by Songqiao Liu (1993)
- VZG project Colibri/DDC by Ulrike Reiner

coli-ana web interface and API

NEW

- Analyze elements of a DDC number
- Look up which synthesized DDC numbers use a DDC element
- https://coli-conc.gbv.de/coli-ana/app/

See also https://coli-conc.gbv.de/coli-ana/ and
https://coli-conc.gbv.de/blog/2021/03/25/coli-ana/