Exploring Linked Classical Music Catalogs with OVERTURE

- How to convert highly structured metadata with some hidden semantics (e.g. MARC) to RDF?
- Which strategy to follow to best use and reconcile multilingual thesauri?

From Music Metadata to Linked RDF Graphs

Music Metadata in MARC Format

| 001 | FRBNF139081882FR |
| 100 | $a159921295$a…$b…$c…$dBeethoven$suLudwig_181779-1827 |
| 144 | $aTheodor Weinig $b27 $m28 $dDie Käuze |

UNIT OF INFORMATION: F22 Expression: Opus Number
PATH: F22 Self-Contained Expression
U7 has opus statement M2 Opus Statement
M42 has opus number M12 Opus Number
+ M43 has opus subnumber M13 Opus Subnumber

INTERMARC BNF:
TUM: 144 sp, chain of digits
TUM: 144 sp, chain of digits before the comma

TRANSFER RULE: Remove the abbreviation "Op." before the number

EXAMPLE:
144 sp Op. 302 → M12 = 302
144 sp Op. 37, no 2 → M12 = 27, M13 = 2

Expert-defined Mapping Rules

http://github.com/doremus-anr/marc2rdf

OVERTURE: an Exploratory Search Engine for Music

- How should this rich information be visualized and presented to end-users?
- What feature should drive a content-based recommendation system for music?

DOREMUS Graph

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