Case-oriented Semantic Enrichment of Bibliographic Entities
Joffrey Decourselle

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Case-oriented Semantic Enrichment of Bibliographic Entities

Joffrey Decourselle
Université Claude Bernard Lyon1, LIRIS CNRS UMR5205 – France – joffrey.decourselle@liris.cnrs.fr

**Context**
Evolution of Digital Libraries towards Semantic technologies requires to migrate and enrich the existing bibliographic records. Yet building theses processes is still a very challenging task...

**Semantic Enrichment Process**

101 $a fre $c eng
200 $a Da Vinci code
$g [trl by Daniel Roche]
454 $t The Da Vinci code
700 $a Brown $b Dan

**Challenges**
- Tuning of FRBRisation tools
- Information Extraction
- Entity Matching
- Knowledge Fusion

**Contributions**
- Benchmark for the interpretation of bibliographic records
- Design of a Case-oriented model
  - Based on FRBR and bibliographic patterns
  - Hierarchical dependency between cases
- Case-based enrichment process with Linked Open Data

**Focus on the Case-oriented model**

**Characteristics of a case**
- Describes a bibliographic pattern
- Contains conditions and mappings
- Managed independently

**Benefits of the model**
- Eases the design of migration rules
- Prevents useless computations
- Facilitates the extraction of entities from catalog or external sources

**References**

