Case-oriented Semantic Enrichment of Bibliographic Entities
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To cite this version:
Joffrey Decourselle. Case-oriented Semantic Enrichment of Bibliographic Entities. Theory and Practice of Digital Libraries, Sep 2016, Hannover, Germany. <hal-01346830v2>

HAL Id: hal-01346830
https://hal.archives-ouvertes.fr/hal-01346830v2
Submitted on 3 Oct 2016

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

**Context**

**Semantic Enrichment Process**

1. Tuning of FRBRisation tools
2. Information Extraction
3. Entity Matching
4. Knowledge Fusion

**Challenges**

- 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

**Contributions**

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

**Focus on the Case-oriented model**

- Describes a bibliographic pattern
- Contains conditions and mappings
- Managed independently

**Characteristics of a case**

**Benefits of the model**

- A Survey of FRBRization Techniques. *International Conference on Theory and Practice of Digital Libraries* (pp. 185-196)
- Mapping MARC 21 linking entry fields to FRBR and Tillett’s taxonomy of bibliographic relationships. *Library resources & technical services*, 48(2), 130.
- The value of MARC data, or, challenges of frbrisation. *Journal of documentation*, 69(6), 851-872.