Mobility Vocabulary Development

Semantic Data Web Technologies Lab 2014

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Functional requirements –

- Input data using API
- RDF JSON to Linked Data
- Classification of resources in terms of MobiVoc vocabulary
- Extended Vocabulary of the existing MobiVoc
- Publishing linked data
  - o Publishing RDF/XML in the right format
  - o HTML and a SPARQL endpoint (Optional if time permits)

Non-Functional requirements –

- Relevant data-central requirement
- High quality data
  - o Availability, Licensing, Performance, Syntactic validity, Semantic Accuracy, Consistency, Completeness, Understandability, Timeliness.
- Linked data quality
  - o Four rules with 5 star data
- License of API data sources