

Requirements Document

Table 1: Ontology requirements specification document [20]

Ontology Requirements Specification Document	
1	Purpose
	Capture information related to the quality assessment, refinement and validation of mappings used to generate, relate or interlink RDF datasets. Capturing such information is expected to positively impact the quality of the mappings and datasets as well as improve the reuse and maintenance of those mappings.
2	Scope
	<p>In scope:</p> <ul style="list-style-type: none"> • Mapping quality • Mapping agents • Mapping creation • Mapping validation <p>Out of scope:</p> <ul style="list-style-type: none"> • Source data of the mappings • Resulting dataset
3	Implementation Language (optional)
	OWL 2 Web Ontology Language
4	Intended End-Users (optional)
	Agents involved in the quality assessment, refinement and validation of LD mappings.
5	Intended Uses

	Capturing metadata and provenance relating to the quality assessment, refinement and validation of LD mappings. This metadata also allows for the datasets involved to be assessed in terms of its quality.
6	Ontology Requirements
	1. Non-Functional Requirements
	Allow the users of the ontology to define and validate quality requirements related to mappings and capture metadata and provenance related to the quality assessment, refinement and validation of LD mappings.
	2. Functional Requirements: Lists or tables of requirements written as Competency Questions and sentences
	Competency questions in Section 4 (next section).
7	Pre-Glossary of Terms (optional)
	1. Terms from Competency Questions
	Competency questions in Section 4.
	2. Terms from Answers
	Competency questions in Section 4.
	3. Objects
	Competency questions in Section 4.