

- G. Klyne and J. Carroll, eds. Resource Description Framework (RDF): Concepts and Abstract Syntax. W3C Recommendation. February 10, 2004.
www.w3.org/TR/rdf-concepts/.
- F. Manola and E. Miller, eds. RDF Primer. W3C Recommendation. February 10, 2004.
www.w3.org/TR/rdf-primer/.
- E. Prud'hommeaux and A. Seaborne, eds. SPARQL Query Language for RDF. W3C Candidate Recommendation. June 14, 2007.
www.w3.org/TR/rdf-sparql-query/.

Here are some further useful readings:

- C. Bizer and Richard Cyganiak. SPARQL The Trig Syntax.
www4.wiwiiss.fu-berlin.de/bizer/trig/.

Exercises and Projects

1. List 10 URIs that identify things in your environment.
2. Give several examples of how to extend the definition of literals in RDF. Why would this be useful?
3. Read the RDFS namespace, and try to understand the elements that were not presented in this chapter.
4. The RDFS specification allows more than one domain to be defined for a property and uses the intersection of these domains. Discuss the pros and cons of taking the union versus taking the intersection of domains.
5. In an older version of the RDFS specification, `rdfs:subClassOf` was not allowed to have cycles. Try to imagine situations where a cyclic class relationship would