

2.3.2.1 RDF/XML

RDF/XML is an encoding of RDF in the XML language. This allows RDF to be used with existing XML processing tools. Originally, RDF/XML was the only standard syntax for RDF. However, Turtle was adopted as an additional standard as it is often easier to read. Below is RDF/XML. Subjects are denoted by the `rdf:about` within an `rdf:Description` element (enclosed in brackets). Predicates and objects related to that subject are enclosed in the `rdf:Description` element. Namespaces can be used through the XML namespaces (`xmlns:`) construct. All RDF/XML should be enclosed in an element `rdf:RDF`.

```
<?xml version="1.0" encoding="utf-8"?>
<rdf:RDF xmlns:dbpedia-owl="http://dbpedia.org/ontology/"
  xmlns:dbpedia="http://dbpedia.org/resource/"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:swp="http://www.semanticwebprimer.org/ontology/apartments.ttl#">
  <rdf:Description
    rdf:about="http://www.semanticwebprimer.org/ontology/apartments.ttl#BaronWayApartment">
    <swp:hasNumberOfBedrooms
      rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">
        3
      </swp:hasNumberOfBedrooms>
    </rdf:Description>
    <rdf:Description
      rdf:about="http://www.semanticwebprimer.org/ontology/apartments.ttl#BaronWayApartment">
      <swp:isPartOf
        rdf:resource="http://www.semanticwebprimer.org/ontology/apartments.ttl#BaronWayBuilding"/>
      </rdf:Description>
    <rdf:Description
      rdf:about="http://www.semanticwebprimer.org/ontology/apartments.ttl#BaronWayBuilding">
      <dbpedia-owl:location
```