

SPARQL Demo

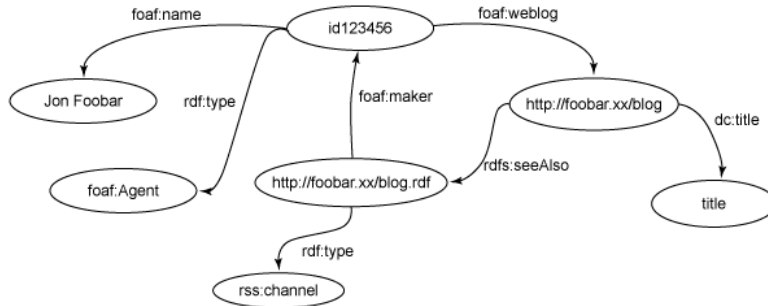


Figure represents a graph of a RDF document <http://planetrdf.com/bloggers.rdf> that describes information about contributors of a blog site.

Use Sparqllette <http://www.wasab.dk/morten/2005/04/sparqllette/> - a SPARQL demo query service to answer the following questions:

- a) (3) What is the result of the following SPARQL query from the given resource <http://planetrdf.com/bloggers.rdf>

```
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
```

```
SELECT ?url
```

```
WHERE {
```

```
    ?contributor foaf:name "Egon Willighagen" .
```

```
    ?contributor foaf:weblog ?url .
```

```
}
```

- b) (7) Write a SPARQL query which retrieves a *name* of a person which is a type of *Person* and whose *weblog* address is <http://ldodds.com/blog> and also retrieves a *title* of his/her weblog.

Also give the results of the query evaluated from the given resource <http://planetrdf.com/bloggers.rdf>

Resenja

a)

```
<?xml version="1.0"?>
<sparql xmlns="http://www.w3.org/2005/sparql-results#">
<head>
  <variable name="url"/>
</head>

<results ordered="false" distinct="false">
  <result>
    <binding name="url"><uri>http://chem-bla-ics.blogspot.com
/</uri></binding>
  </result>
</results>

</sparql><!--
data: http://planetrdf.com/bloggers.rdf
format: xml
output-xslt:
output-type: text/html; charset=utf-8
query: PREFIX foaf: <http://xmlns.com/foaf/0.1/>
  SELECT ?url
  WHERE {
    ?contributor foaf:name "Egon Willighagen" .
    ?contributor foaf:weblog ?url .
  }

query-lang: sparql
-->
```

b)

```
PREFIX foaf: <http://xmlns.com/foaf/0.1/>

PREFIX dc: <http://purl.org/dc/elements/1.1/>

SELECT ?name, ?title

WHERE

{

  ?person foaf:weblog <http://ldodds.com/blog/> .

  ?person foaf:name ?name .

  ?person rdf:type foaf:Person .

  <http://ldodds.com/blog/> dc:title ?title .

}
```

```
<?xml version="1.0"?>
<sparql xmlns="http://www.w3.org/2005/sparql-results#">
<head>
  <variable name="name"/>
  <variable name="title"/>
</head>
<results ordered="false" distinct="false">
  <result>
    <binding name="name"><literal>Leigh Dodds</literal></binding>
    <binding name="title"><literal>Lost Boy by Leigh
Dodds</literal></binding>
  </result>
</results>
</sparql><!--
data: http://planetrdf.com/bloggers.rdf
format: xml
output-xslt:
output-type: text/html; charset=utf-8
query: PREFIX foaf: <http://xmlns.com/foaf/0.1/>
  PREFIX dc: <http://purl.org/dc/elements/1.1/>
  SELECT ?name, ?title
  WHERE
  {
    ?person foaf:weblog <http://ldodds.com/blog/> .
    ?person foaf:name ?name .
    ?person rdf:type foaf:Person .
    <http://ldodds.com/blog/> dc:title ?title .
  }

query-lang: sparql
-->
```