

A. Appendix

```
SELECT *{
  ?Company rdf:type <http://ref2014.ontology/Company> .
  ?Company rdfs:label "IBM"@en .
  ?Company ?OutRelation ?Info2 .
  ?Info ?InwardRelation ?Company .}
```

Listing 1. SPARQL: How did IBM get involved in the case studies?

```
SELECT ?caseID ?Amount ?Project Leader ?Reference ?Start Date ?End Date
WHERE{
  ?case rdf:type <http://ref2014.ontology/CaseStudies> .
  ?case <http://ref2014.ontology/hasFunding> ?Funding .
  <http://dbpedia.org/resource/EPSRC>
    <http://ref2014.ontology/COP#fundTo> ?Funding .
  ?Funding <http://ref2014.ontology/Funding:hasAmount> ?Amount .
  ?Funding <http://ref2014.ontology/projectLeader> ?Project Leader.
  ?Funding <http://ref2014.ontology/Funding:Reference> ?Reference .
  ?Funding <http://ref2014.ontology/Timeframe:from> ?Start time .
  ?Funding <http://ref2014.ontology/Timeframe:to> ?End time}
```

Listing 2. SPARQL: Which case studies were based on research funded by the EPSRC?

```
SELECT (SUM(?Amount) as ?amountSum) ?Currency
WHERE{
  ?case rdf:type <http://ref2014.ontology/CaseStudies> .
```

```
?case <http://ref2014.ontology/hasFunding> ?Funding .
<http://dbpedia.org/resource/Engineering_and_Physical_Sciences_Research_Council>
  <http://ref2014.ontology/COP#fundTo> ?Funding .
?Funding <http://ref2014.ontology/Funding:hasAmount> ?Amount .
?Funding <http://ref2014.ontology/Funding:Currency> ?Currency.}
```

Listing 3. SPARQL: *What was the total value of EPSRC funding that supported the impact case studies?*

```
SELECT ?OpenSource
WHERE{
  ?x rdf:type <http://ref2014.ontology/OpenSourceApplication> .
  ?x rdfs:label ?OpenSource }
```

Listing 4. SPARQL: *Which impact case studies were based on software released as open-source?*

```
SELECT ?spinofflabel ?spinOffFrom ?spinoffCompany
WHERE
{
  ?Company rdf:type <http://ref2014.ontology/Company> .
  ?spinoff rdf:type <http://ref2014.ontology/SpinOff> .
  ?spinoff rdfs:label ?spinofflabel .
  ?spinoff <http://ref2014.ontology/COP#spinOff_to> ?Company .
  ?spinoff <http://ref2014.ontology/spinOff_from> ?SpinOffFrom .
  ?SpinOffFrom rdfs:label ?spinOffFrom.
  ?Company rdfs:label ?spinoffCompany .
}
```

Listing 5. SPARQL: *Which impact case studies involved spin-off companies?*

```
SELECT ?spinoffCompany ?AcquiredBy
WHERE
{
  ?C rdf:type <http://ref2014.ontology/Company> .
  ?spinoff rdf:type <http://ref2014.ontology/SpinOff> .
  ?spinoff <http://ref2014.ontology/COP#spinOff_to> ?C .
  ?C rdfs:label ?spinoffCompany .
  ?C <http://ref2014.ontology/COP#acquiredBy> ?C2 .
  ?C2 rdfs:label ?AcquiredBy .
}
```

Listing 6. SPARQL: *Which companies acquired spin-off companies?*

```
SELECT ?Country (COUNT(?Country) AS ?Count)
WHERE{
  ?Company rdf:type <http://dbpedia.org/ontology/Company> .
  OPTIONAL{?Company <http://dbpedia.org/ontology/locationCountry> ?Country.}
  SERVICE <http://dbpedia.org/sparql>{
    ?Company <http://dbpedia.org/ontology/locationCountry> ?Country.}
}GROUP BY ?Country
ORDER BY DESC (?Count)
```

Listing 7. SPARQL: *Where are the companies included in impact case studies based?*