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Advanced set of SPARQL queries

1. Get all the properties that can be applied to instances of the Politician class (<http://dbpedia.org/ontology/Politician>)

```
select distinct ?property
 where {
?instance rdf:type dbo:Politician .
?instance ?property ?value
 }
```

URL RESULT: https://dbpedia.org/sparql?default-graph-uri=http%3A%2F%2Fdbpedia.org&query=select+distinct+%3Fproperty%0D%0A+where+%7B%0D%0A%3Finstance+rdf%3Atype+dbo%3APolitician+.%0D%0A%3Finstance+%3Fproperty+%3Fvalue+%0D%0A+%7D+%0D%0A&format=text%2Fhtml&timeout=30000&signal_void=on&signal_unconnected=on

2. Get all the properties, except rdf:type, that can be applied to instances of the Politician class

```
select distinct ?property
 where {
?instance rdf:type dbo:Politician .
?instance ?property ?value
FILTER (?property != rdf:type)
 }
```

URL RESULT: https://dbpedia.org/sparql?default-graph-uri=http%3A%2F%2Fdbpedia.org&query=select+distinct+%3Fproperty%0D%0A+where+%7B%0D%0A%3Finstance+rdf%3Atype+dbo%3APolitician+.%0D%0A%3Finstance+%3Fproperty+%3Fvalue+%0D%0AFILTER+%28%3Fproperty+%21%3D+rdf%3Atype%29%0D%0A+%7D+%0D%0A%0D%0A&format=text%2Fhtml&timeout=30000&signal_void=on&signal_unconnected=on

3. Which different values exist for the properties, except for rdf:type, applicable to the instances of Politician?

```
SELECT DISTINCT ?value
WHERE {
  ?instance rdf:type dbo:Politician .
  ?instance ?property ?value .
  FILTER (?property != rdf:type)
}
```

URL RESULT:

4. For each of these applicable properties, except for rdf:type, which different values do they take globally for all those instances?

```
SELECT DISTINCT ?property ?value
WHERE {
  ?instance rdf:type dbo:Politician .
  ?instance ?property ?value .
  FILTER (?property != rdf:type)
}
```

URL RESULT:

5. For each of these applicable properties, except for rdf:type, how many distinct values do they take globally for all those instances?

```
SELECT ?property (COUNT(DISTINCT ?value) AS ?distinctValuesCount)
WHERE {
  ?instance rdf:type dbo:Politician .
  ?instance ?property ?value .
  FILTER (?property != rdf:type)
}
GROUP BY ?property
```

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