

Course: Semantic Web, Linked Data and Knowledge Graphs  
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Assignment 3 – SPARQL (DBpedia)  
Endpoint: <https://dbpedia.org/sparql>

Default Data Set Name (Graph IRI)

<http://dbpedia.org>

Query Text

```
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX dbo: <http://dbpedia.org/ontology/>

SELECT DISTINCT ?property
WHERE {
  ?s rdf:type dbo:Politician ;
  ?property ?o .
}
ORDER BY ?property
```

*La consulta devuelve cientos de propiedades distintas asociadas a la clase `dbo:Politician`. En la captura se muestra un fragmento representativo*

#### SPARQL | HTML5 table

##### property

<http://dbpedia.org/ontology/Building/floorArea>

<http://dbpedia.org/ontology/Person/height>

<http://dbpedia.org/ontology/abstract>

<http://dbpedia.org/ontology/academicDiscipline>

<http://dbpedia.org/ontology/activeYearsEndDate>

<http://dbpedia.org/ontology/activeYearsEndYear>

<http://dbpedia.org/ontology/activeYearsStartDate>

<http://dbpedia.org/ontology/activeYearsStartYear>

<http://dbpedia.org/ontology/alias>

<http://dbpedia.org/ontology/almaMater>

<http://dbpedia.org/ontology/appointer>

<http://dbpedia.org/ontology/architect>

<http://dbpedia.org/ontology/architecturalStyle>

<http://dbpedia.org/ontology/associate>

<http://dbpedia.org/ontology/associatedBand>

<http://dbpedia.org/ontology/associatedMusicalArtist>

<http://dbpedia.org/ontology/award>

<http://dbpedia.org/ontology/battingSide>

<http://dbpedia.org/ontology/battle>

<http://dbpedia.org/ontology/birthDate>

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Query Text

```
SELECT DISTINCT ?property
WHERE { ?politician a dbo:Politician ; ?property ?value }
LIMIT 100
```

Results Format

HTML

## SPARQL | HTML5 table

### property

<http://www.w3.org/1999/02/22-rdf-syntax-ns#type>

<http://www.w3.org/2000/01/rdf-schema#label>

<http://www.w3.org/2000/01/rdf-schema#comment>

<http://www.w3.org/2000/01/rdf-schema#seeAlso>

<http://xmlns.com/foaf/0.1/name>

<http://xmlns.com/foaf/0.1/nick>

<http://xmlns.com/foaf/0.1/homepage>

<http://www.w3.org/2004/02/skos/core#exactMatch>

<http://dbpedia.org/property/name>

<http://xmlns.com/foaf/0.1/depiction>

<http://dbpedia.org/ontology/birthPlace>

<http://dbpedia.org/ontology/deathPlace>

<http://dbpedia.org/property/deathPlace>

<http://dbpedia.org/ontology/deathDate>

<http://dbpedia.org/property/birthPlace>

<http://dbpedia.org/ontology/birthDate>

<http://purl.org/dc/terms/subject>

<http://dbpedia.org/ontology/wikiPageID>

<http://dbpedia.org/ontology/wikiPageRevisionID>

<http://dbpedia.org/ontology/wikiPageWikiLink>

Default Data Set Name (Graph IRI)

<http://dbpedia.org>

Query Text

```
SELECT ?politician ?birthDate
WHERE {
  ?politician a dbo:Politician ;
    dbo:birthDate ?birthDate .
}
LIMIT 100
```

SPARQL | HTML5 table

politician	birthDate
<a href="http://dbpedia.org/resource/CaMia_Hopson">http://dbpedia.org/resource/CaMia_Hopson</a>	1969-06-19
<a href="http://dbpedia.org/resource/Cabell_Breckinridge">http://dbpedia.org/resource/Cabell_Breckinridge</a>	1788-07-14
<a href="http://dbpedia.org/resource/Cabo_Almi">http://dbpedia.org/resource/Cabo_Almi</a>	1962-12-17
<a href="http://dbpedia.org/resource/Cabo_Daciolo">http://dbpedia.org/resource/Cabo_Daciolo</a>	1976-03-30
<a href="http://dbpedia.org/resource/Cabo_Junio_Amaral">http://dbpedia.org/resource/Cabo_Junio_Amaral</a>	1987-06-30
<a href="http://dbpedia.org/resource/Cadwallader_C._Washburn">http://dbpedia.org/resource/Cadwallader_C._Washburn</a>	1818-04-22
<a href="http://dbpedia.org/resource/Cadwallader_Colden">http://dbpedia.org/resource/Cadwallader_Colden</a>	1688-02-07
<a href="http://dbpedia.org/resource/Cadwallader_D._Colden">http://dbpedia.org/resource/Cadwallader_D._Colden</a>	1769-04-04
<a href="http://dbpedia.org/resource/Cadwallader_Waddy">http://dbpedia.org/resource/Cadwallader_Waddy</a>	1783-02-15
<a href="http://dbpedia.org/resource/Cady_Staley">http://dbpedia.org/resource/Cady_Staley</a>	1840-12-12
<a href="http://dbpedia.org/resource/Caerwyn_Roderick">http://dbpedia.org/resource/Caerwyn_Roderick</a>	1927-07-15
<a href="http://dbpedia.org/resource/Caesar_Augustus_Rodney">http://dbpedia.org/resource/Caesar_Augustus_Rodney</a>	1772-01-04
<a href="http://dbpedia.org/resource/Caesar_Rodney">http://dbpedia.org/resource/Caesar_Rodney</a>	1728-10-07
<a href="http://dbpedia.org/resource/Caesar_Saloma">http://dbpedia.org/resource/Caesar_Saloma</a>	1960-03-28

Default Data Set Name (Graph IRI)

<http://dbpedia.org>

Query Text

```
SELECT ?city ?country
WHERE {
  ?city a dbo:City ;
        dbo:country ?country .
}
LIMIT 100
```

## SPARQL | HTML5 table

city	country
<a href="http://dbpedia.org/resource/Caacupé">http://dbpedia.org/resource/Caacupé</a>	<a href="http://dbpedia.org/resource/Paraguay">http://dbpedia.org/resource/Paraguay</a>
<a href="http://dbpedia.org/resource/Caaguazú,_Paraguay">http://dbpedia.org/resource/Caaguazú,_Paraguay</a>	<a href="http://dbpedia.org/resource/Paraguay">http://dbpedia.org/resource/Paraguay</a>
<a href="http://dbpedia.org/resource/Caapucú">http://dbpedia.org/resource/Caapucú</a>	<a href="http://dbpedia.org/resource/Paraguay">http://dbpedia.org/resource/Paraguay</a>
<a href="http://dbpedia.org/resource/Caazapá">http://dbpedia.org/resource/Caazapá</a>	<a href="http://dbpedia.org/resource/Paraguay">http://dbpedia.org/resource/Paraguay</a>
<a href="http://dbpedia.org/resource/Caballococha">http://dbpedia.org/resource/Caballococha</a>	<a href="http://dbpedia.org/resource/Peru">http://dbpedia.org/resource/Peru</a>
<a href="http://dbpedia.org/resource/Cabana,_Peru">http://dbpedia.org/resource/Cabana,_Peru</a>	<a href="http://dbpedia.org/resource/Peru">http://dbpedia.org/resource/Peru</a>
<a href="http://dbpedia.org/resource/Cabanatuan">http://dbpedia.org/resource/Cabanatuan</a>	<a href="http://dbpedia.org/resource/Philippines">http://dbpedia.org/resource/Philippines</a>
<a href="http://dbpedia.org/resource/Cabano">http://dbpedia.org/resource/Cabano</a>	<a href="http://dbpedia.org/resource/Canada">http://dbpedia.org/resource/Canada</a>
<a href="http://dbpedia.org/resource/Cabaret,_Cabaret,_Ouest">http://dbpedia.org/resource/Cabaret,_Cabaret,_Ouest</a>	<a href="http://dbpedia.org/resource/Haiti">http://dbpedia.org/resource/Haiti</a>
<a href="http://dbpedia.org/resource/Cabildo,_Chile">http://dbpedia.org/resource/Cabildo,_Chile</a>	<a href="http://dbpedia.org/resource/Chile">http://dbpedia.org/resource/Chile</a>
<a href="http://dbpedia.org/resource/Cabimas">http://dbpedia.org/resource/Cabimas</a>	<a href="http://dbpedia.org/resource/Venezuela">http://dbpedia.org/resource/Venezuela</a>
<a href="http://dbpedia.org/resource/Cabinda_(city)">http://dbpedia.org/resource/Cabinda_(city)</a>	<a href="http://dbpedia.org/resource/Angola">http://dbpedia.org/resource/Angola</a>
<a href="http://dbpedia.org/resource/Cabo_Frio">http://dbpedia.org/resource/Cabo_Frio</a>	<a href="http://dbpedia.org/resource/Brazil">http://dbpedia.org/resource/Brazil</a>
<a href="http://dbpedia.org/resource/Caborca">http://dbpedia.org/resource/Caborca</a>	<a href="http://dbpedia.org/resource/Mexico">http://dbpedia.org/resource/Mexico</a>
<a href="http://dbpedia.org/resource/Cabra_del_Santo_Cristo">http://dbpedia.org/resource/Cabra_del_Santo_Cristo</a>	<a href="http://dbpedia.org/resource/Spain">http://dbpedia.org/resource/Spain</a>
<a href="http://dbpedia.org/resource/Cabrero,_Chile">http://dbpedia.org/resource/Cabrero,_Chile</a>	<a href="http://dbpedia.org/resource/Chile">http://dbpedia.org/resource/Chile</a>
<a href="http://dbpedia.org/resource/Cabrils">http://dbpedia.org/resource/Cabrils</a>	<a href="http://dbpedia.org/resource/Spain">http://dbpedia.org/resource/Spain</a>
<a href="http://dbpedia.org/resource/Cabrobó">http://dbpedia.org/resource/Cabrobó</a>	<a href="http://dbpedia.org/resource/Brazil">http://dbpedia.org/resource/Brazil</a>
<a href="http://dbpedia.org/resource/Cabudare">http://dbpedia.org/resource/Cabudare</a>	<a href="http://dbpedia.org/resource/Venezuela">http://dbpedia.org/resource/Venezuela</a>
<a href="http://dbpedia.org/resource/Cabuyao">http://dbpedia.org/resource/Cabuyao</a>	<a href="http://dbpedia.org/resource/Philippines">http://dbpedia.org/resource/Philippines</a>

Default Data Set Name (Graph IRI)

http://dbpedia.org

Query Text

```
SELECT ?politician ?party
WHERE {
  ?politician a dbo:Politician ;
    dbo:party ?party .
}
LIMIT 100
```

Results Format

HTML

SPARQL | HTML5 table

politician	office
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Permanent Representative of Portugal to NATO"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador to Berlin"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador to Algiers"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador to Belgrade"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador to Prague"
<a href="http://dbpedia.org/resource/Café_Filho">http://dbpedia.org/resource/Café_Filho</a>	"Member of the Chamber of Deputies"
<a href="http://dbpedia.org/resource/Café_Filho">http://dbpedia.org/resource/Café_Filho</a>	"Vice President of Brazil"
<a href="http://dbpedia.org/resource/Cameron_Smyth">http://dbpedia.org/resource/Cameron_Smyth</a>	"Santa Clarita City Councillor"
<a href="http://dbpedia.org/resource/Camille_Petit_(politician)">http://dbpedia.org/resource/Camille_Petit_(politician)</a>	"Mayor of Sainte-Marie"
<a href="http://dbpedia.org/resource/Camille_Petit_(politician)">http://dbpedia.org/resource/Camille_Petit_(politician)</a>	"President of the Regional Council of Martinique"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Minister of Education"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Senator of the Philippines"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Member of the Philippine National Assembly from La Union's 1st district"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Resident Commissioner to the U.S. House of Representatives from the Philippine Islands"
<a href="http://dbpedia.org/resource/Cassell_G._Hart">http://dbpedia.org/resource/Cassell_G._Hart</a>	"Member of the Virginia House of Delegates for Tidewater District"

Default Data Set Name (Graph IRI)

http://dbpedia.org

Query Text

```
SELECT ?politician ?office
WHERE {
  ?politician a dbo:Politician ;
    dbo:office ?office .
}
LIMIT 100
```

SPARQL | HTML5 table

politician	office
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Permanent Representative ofPortugaltoNATO"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador to Berlin"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador toAlgiers"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador toBelgrade"
<a href="http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio">http://dbpedia.org/resource/Caetano_Luís_Pequito_de_Almeida_Sampaio</a>	"Portuguese Ambassador toPrague"
<a href="http://dbpedia.org/resource/Café_Filho">http://dbpedia.org/resource/Café_Filho</a>	"Member of theChamber of Deputies"
<a href="http://dbpedia.org/resource/Café_Filho">http://dbpedia.org/resource/Café_Filho</a>	"Vice President of Brazil"
<a href="http://dbpedia.org/resource/Cameron_Smyth">http://dbpedia.org/resource/Cameron_Smyth</a>	"Santa ClaritaCity Councillor"
<a href="http://dbpedia.org/resource/Camille_Petit_(politician)">http://dbpedia.org/resource/Camille_Petit_(politician)</a>	"Mayor ofSainte-Marie"
<a href="http://dbpedia.org/resource/Camille_Petit_(politician)">http://dbpedia.org/resource/Camille_Petit_(politician)</a>	"President of the Regional Council of Martinique"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Minister of Education"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Senator of the Philippines"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Member of thePhilippine National AssemblyfromLa Union's1st district"
<a href="http://dbpedia.org/resource/Camilo_Osías">http://dbpedia.org/resource/Camilo_Osías</a>	"Resident Commissioner to the U.S. House of Representatives from the Philippine Islands"
<a href="http://dbpedia.org/resource/Cassell_G._Hunt">http://dbpedia.org/resource/Cassell_G._Hunt</a>	"Member of theVirginia House of DelegatesforTazewellandBuchanan"