

SPARQL: Examples

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1) Go to

<https://dbpedia.org/sparql>

2) Recommended Prefixes

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PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX dc: <http://purl.org/dc/elements/1.1/>
PREFIX : <http://dbpedia.org/resource/>
PREFIX dbpedia2: <http://dbpedia.org/property/>
PREFIX dbpedia: <http://dbpedia.org/>
PREFIX ont: <http://dbpedia.org/ontology/>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
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3) Try to query by

1	<pre>PREFIX ont: <http://dbpedia.org/ontology/> SELECT * WHERE {?b rdf:type ont:Company. }</pre>
2	<pre>PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a WHERE { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a . }</pre>

3	SELECT ?a ?b WHERE {<http://dbpedia.org/resource/Apple_Inc.> ?a ?b }
4	PREFIX ont: <http://dbpedia.org/ontology/> SELECT * WHERE {?a rdf:type ont:Company. ?a ont:product :IPad }
5	PREFIX ont: <http://dbpedia.org/ontology/> SELECT * WHERE {?a ont:product ?b. ?b dbpedia2:weight ?c}
6	PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?b ?c WHERE { ?a ont:product ?b. ?b dbpedia2:weight ?c. FILTER regex(?c , "Wi-Fi model:") }
7	PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?b ?c WHERE { ?a ont:product ?b. OPTIONAL {?b dbpedia2:weight ?c.} }
8	SELECT ?a ?b WHERE {?a foaf:name ?b}
9	SELECT ?a ?b ?c WHERE {?a foaf:name ?b. ?a rdfs:label ?c.}
10	SELECT ?a ?b ?c WHERE {?a foaf:name ?b; rdfs:label ?c.}
11	SELECT ?a ?b ?c WHERE {?a foaf:name ?b. ?b rdfs:label ?c.}
12	SELECT ?a ?b WHERE {?a dbpedia2:populationDensityKm ?b.}

13	<pre> SELECT ?a ?b WHERE { ?a dbpedia2:populationDensityKm ?b. FILTER (?b > 30). } </pre>
14	<pre> SELECT ?a ?b WHERE { ?a dbpedia2:populationDensityKm ?b. FILTER ((?b > 30) and (?b < 100)). } </pre>
15	<pre> SELECT ?a ?b ?c WHERE {?a dbpedia2:populationDensityKm ?b. FILTER (?b > 30). ?a rdfs:comment ?c} </pre>
16	<pre> SELECT ?a ?b ?c WHERE {?a dbpedia2:officialName ?b.} </pre>
17	<pre> SELECT ?a ?b ?c WHERE { ?a dbpedia2:officialName ?b. OPTIONAL {?a dbpedia2:populationDensityKm ?c.} } </pre>
18	<pre> SELECT ?a ?b ?c WHERE { ?a dbpedia2:officialName ?b. OPTIONAL {?a dbpedia2:populationDensityKm ?c. FILTER (?c>30).} } </pre>
19	<pre> PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?b WHERE { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a OPTIONAL {?a dbpedia2:memory ?b} } </pre>
20	<pre> PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?c WHERE { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a </pre>

	<pre> OPTIONAL {?a dbpedia2:license ?c} } </pre>
21	<pre> PREFIX dbpedia2: <http://dbpedia.org/property/> PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?b ?c WHERE { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a . OPTIONAL {?a dbpedia2:memory ?b}. OPTIONAL {?a dbpedia2:license ?c} } </pre>
22	<pre> PREFIX ont: <http://dbpedia.org/ontology/> PREFIX dbpedia2: <http://dbpedia.org/property/> SELECT ?a ?b WHERE { { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a} UNION { :Microsoft dbpedia2:industry ?b} } </pre>
23	<pre> PREFIX dbpedia2: <http://dbpedia.org/property/> PREFIX ont: <http://dbpedia.org/ontology/> SELECT ?a ?b WHERE { <http://dbpedia.org/resource/Apple_Inc.> ont:product ?a. {?a dbpedia2:memory ?b } } </pre>
24	<pre> PREFIX ont: <http://dbpedia.org/ontology/> SELECT * WHERE { { { :Microsoft ont:foundationPerson ?a } UNION { :Microsoft ont:industry ?a } }. OPTIONAL {?a ont:birthPlace ?c} } </pre>
25	<pre> SELECT ?src ?age WHERE { GRAPH ?src {?x foaf:name "Bill Gates"@en. ?x dbpedia2:years ?age } } </pre>

26	CONSTRUCT {?x ?y ?z} WHERE { GRAPH <http://dbpedia.org> {?x ?y ?z . ?x foaf:name "Bill Gates"@en }}
27	DESCRIBE ?x WHERE { GRAPH <http://dbpedia.org> {?x foaf:name "Bill Gates"@en }}
28	ASK { <http://dbpedia.org/resource/Steve_Jobs> ont:board <http://dbpedia.org/resource/Apple_Inc.> }

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