

## DBpedia Demo Script

1. Go to <http://dbpedia.org/sparql> and run the query:

```
select distinct ?Subject, ?Predicate, ?Object
where {?Subject ?Predicate ?Object} LIMIT 100
```

3. Run query: (who authored what?)

```
select distinct ?Subject, ?Object
where {?Subject dbo:author ?Object} LIMIT 500
```

Subject	Object
<a href="http://dbpedia.org/resource/Kam_Kardashian">http://dbpedia.org/resource/Kam_Kardashian</a>	<a href="http://dbpedia.org/resource/Fawzia_Mirza">http://dbpedia.org/resource/Fawzia_Mirza</a>
<a href="http://dbpedia.org/resource/Pedestrian_Drama">http://dbpedia.org/resource/Pedestrian_Drama</a>	<a href="http://dbpedia.org/resource/Janet_Zweig">http://dbpedia.org/resource/Janet_Zweig</a>
<a href="http://dbpedia.org/resource/Song_Reader">http://dbpedia.org/resource/Song_Reader</a>	<a href="http://dbpedia.org/resource/Beck">http://dbpedia.org/resource/Beck</a>
<a href="http://dbpedia.org/resource/Capriccio_with_Palladian_buildings">http://dbpedia.org/resource/Capriccio_with_Palladian_buildings</a>	<a href="http://dbpedia.org/resource/Canaletto">http://dbpedia.org/resource/Canaletto</a>
<a href="http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola">http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola</a>	<a href="http://dbpedia.org/resource/Canaletto">http://dbpedia.org/resource/Canaletto</a>
<a href="http://dbpedia.org/resource/The_Stonemason's_Yard">http://dbpedia.org/resource/The_Stonemason's_Yard</a>	<a href="http://dbpedia.org/resource/Canaletto">http://dbpedia.org/resource/Canaletto</a>
<a href="http://dbpedia.org/resource/The_Grand_Canal_and_the_Church_of_the_Salute">http://dbpedia.org/resource/The_Grand_Canal_and_the_Church_of_the_Salute</a>	<a href="http://dbpedia.org/resource/Canaletto">http://dbpedia.org/resource/Canaletto</a>
<a href="http://dbpedia.org/resource/The_Calling_of_Saints_Peter_and_Andrew">http://dbpedia.org/resource/The_Calling_of_Saints_Peter_and_Andrew</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Seven_Works_of_Mercy_(Caravaggio)">http://dbpedia.org/resource/The_Seven_Works_of_Mercy_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Mary_Magdalen_in_Ecstasy">http://dbpedia.org/resource/Mary_Magdalen_in_Ecstasy</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Crucifixion_of_Saint_Andrew_(Caravaggio)">http://dbpedia.org/resource/The_Crucifixion_of_Saint_Andrew_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Saint_Jerome_Writing">http://dbpedia.org/resource/Saint_Jerome_Writing</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Amor_Vincit_Omnia_(Caravaggio)">http://dbpedia.org/resource/Amor_Vincit_Omnia_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Medusa_(Caravaggio)">http://dbpedia.org/resource/Medusa_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Conversion_on_the_Way_to_Damascus">http://dbpedia.org/resource/Conversion_on_the_Way_to_Damascus</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Death_of_the_Virgin_(Caravaggio)">http://dbpedia.org/resource/Death_of_the_Virgin_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Madonna_and_Child_with_St_Anne_(Dei_Palafrenieri)">http://dbpedia.org/resource/Madonna_and_Child_with_St_Anne_(Dei_Palafrenieri)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Madonna_di_Loreto_(Caravaggio)">http://dbpedia.org/resource/Madonna_di_Loreto_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Calling_of_St_Matthew_(Caravaggio)">http://dbpedia.org/resource/The_Calling_of_St_Matthew_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Entombment_of_Christ_(Caravaggio)">http://dbpedia.org/resource/The_Entombment_of_Christ_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Inspiration_of_Saint_Matthew">http://dbpedia.org/resource/The_Inspiration_of_Saint_Matthew</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/The_Martyrdom_of_Saint_Matthew_(Caravaggio)">http://dbpedia.org/resource/The_Martyrdom_of_Saint_Matthew_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Penitent_Magdalene_(Caravaggio)">http://dbpedia.org/resource/Penitent_Magdalene_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Ecce_Homo_(Caravaggio)">http://dbpedia.org/resource/Ecce_Homo_(Caravaggio)</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Nativity_with_St_Francis_and_St_Lawrence">http://dbpedia.org/resource/Nativity_with_St_Francis_and_St_Lawrence</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>
<a href="http://dbpedia.org/resource/Summa_of_Emmaus_(Caravaggio)_London">http://dbpedia.org/resource/Summa_of_Emmaus_(Caravaggio)_London</a>	<a href="http://dbpedia.org/resource/Caravaggio">http://dbpedia.org/resource/Caravaggio</a>

4. Run query: (What did Canaletto author?)

```
select distinct ?Subject
where {?Subject dbo:author dbr:Canaletto}
LIMIT 500
```

Subject
<a href="http://dbpedia.org/resource/Capriccio_with_Palladian_buildings">http://dbpedia.org/resource/Capriccio_with_Palladian_buildings</a>
<a href="http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola">http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola</a>
<a href="http://dbpedia.org/resource/The_Stonemason's_Yard">http://dbpedia.org/resource/The_Stonemason's_Yard</a>
<a href="http://dbpedia.org/resource/The_Grand_Canal_and_the_Church_of_the_Salute">http://dbpedia.org/resource/The_Grand_Canal_and_the_Church_of_the_Salute</a>

- Click on The Stonemason's Yard to see what information is available:

### About: The Stonemason's Yard

An Entity of Type : Thing, from Named Graph : <http://dbpedia.org>, within Data Space : dbpedia.org

Property	Value
<a href="#">dbo:abstract</a>	<ul style="list-style-type: none"> <li>The Stonemason's Yard (formally known as Campo S. Vidal and Santa Maria della Carità) is an early oil painting by Giovanni Antonio Canal, better known as Canaletto. Painted in the mid to late 1720s, it is considered one of Canaletto's finest works. <sup>(en)</sup></li> </ul>
<a href="#">dbo:author</a>	<ul style="list-style-type: none"> <li><a href="#">dbr:Canaletto</a></li> </ul>
<a href="#">dbo:museum</a>	<ul style="list-style-type: none"> <li><a href="#">dbr:National_Gallery</a></li> </ul>
<a href="#">dct:thumbnail</a>	<ul style="list-style-type: none"> <li><a href="#">wikipedia-en:Special:FilePath/Canaletto_-_The_Stonemason's_Yard.jpg?width=300</a></li> </ul>
<a href="#">dbo:wikiPageExternalLink</a>	<ul style="list-style-type: none"> <li><a href="http://ibmma.contentdm.oclc.org/cdm/compoundobject/collection/p15324coll10/id/49680">http://ibmma.contentdm.oclc.org/cdm/compoundobject/collection/p15324coll10/id/49680</a></li> <li><a href="http://colourlex.com/project/canaletto-stonemasons-yard/">http://colourlex.com/project/canaletto-stonemasons-yard/</a></li> </ul>
<a href="#">dbo:wikiPageID</a>	<ul style="list-style-type: none"> <li>29861121 (xsd:integer)</li> </ul>
<a href="#">dbo:wikiPageRevisionID</a>	<ul style="list-style-type: none"> <li>687945475 (xsd:integer)</li> </ul>
<a href="#">dbp:artist</a>	<ul style="list-style-type: none"> <li><a href="#">dbr:Canaletto</a></li> </ul>
<a href="#">dbp:museum</a>	<ul style="list-style-type: none"> <li><a href="#">dbr:National_Gallery</a></li> </ul>
<a href="#">dbp:title</a>	<ul style="list-style-type: none"> <li>The Stonemason's Yard <sup>(en)</sup></li> </ul>
<a href="#">dct:subject</a>	<ul style="list-style-type: none"> <li><a href="#">dbc:Cityscape_art</a></li> <li><a href="#">dbc:Collections_of_the_National_Gallery_London</a></li> <li><a href="#">dbc:Arts_in_Venice</a></li> <li><a href="#">dbc:1720s_paintings</a></li> <li><a href="#">dbc:Italian_paintings</a></li> </ul>
<a href="#">rdf:type</a>	<ul style="list-style-type: none"> <li><a href="#">owl:Thing</a></li> </ul>

- So, now let's see in which museums the work by Canaletto is displayed:

```
select distinct ?Subject ?Museum
where {
  ?Subject dbo:author dbr:Canaletto.
  ?Subject dbo:museum ?Museum}
LIMIT 500
```

Subject	Museum
<a href="http://dbpedia.org/resource/Capriccio_with_Palladian_buildings">http://dbpedia.org/resource/Capriccio_with_Palladian_buildings</a>	<a href="http://dbpedia.org/resource/Galleria_nazionale_di_Parma">http://dbpedia.org/resource/Galleria_nazionale_di_Parma</a>
<a href="http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola">http://dbpedia.org/resource/The_Grand_Canal_in_Venice_from_Palazzo_Flangini_to_Campo_San_Marcuola</a>	<a href="http://dbpedia.org/resource/J._Paul_Getty_Museum">http://dbpedia.org/resource/J._Paul_Getty_Museum</a>
<a href="http://dbpedia.org/resource/The_Stonemason's_Yard">http://dbpedia.org/resource/The_Stonemason's_Yard</a>	<a href="http://dbpedia.org/resource/National_Gallery">http://dbpedia.org/resource/National_Gallery</a>

Alternatively, write:

```
select distinct ?Subject ?Museum
where {
  ?Subject dbo:author dbr:Canaletto;
  ?Subject dbo:museum ?Museum}
LIMIT 500
```

- We can specifically ask which of Canaletto's work has been displayed in the Galleria nazionale di Parma?

```
select distinct ?Subject
where {
  ?Subject dbo:author dbr:Canaletto;
  ?Subject dbo:museum dbr:Galleria_nazionale_di_Parma}
LIMIT 500
```

Subject
<a href="http://dbpedia.org/resource/Capriccio_with_Palladian_buildings">http://dbpedia.org/resource/Capriccio_with_Palladian_buildings</a>