

Visualizing Knowledge Graphs using Wikidata Query and SPARQL

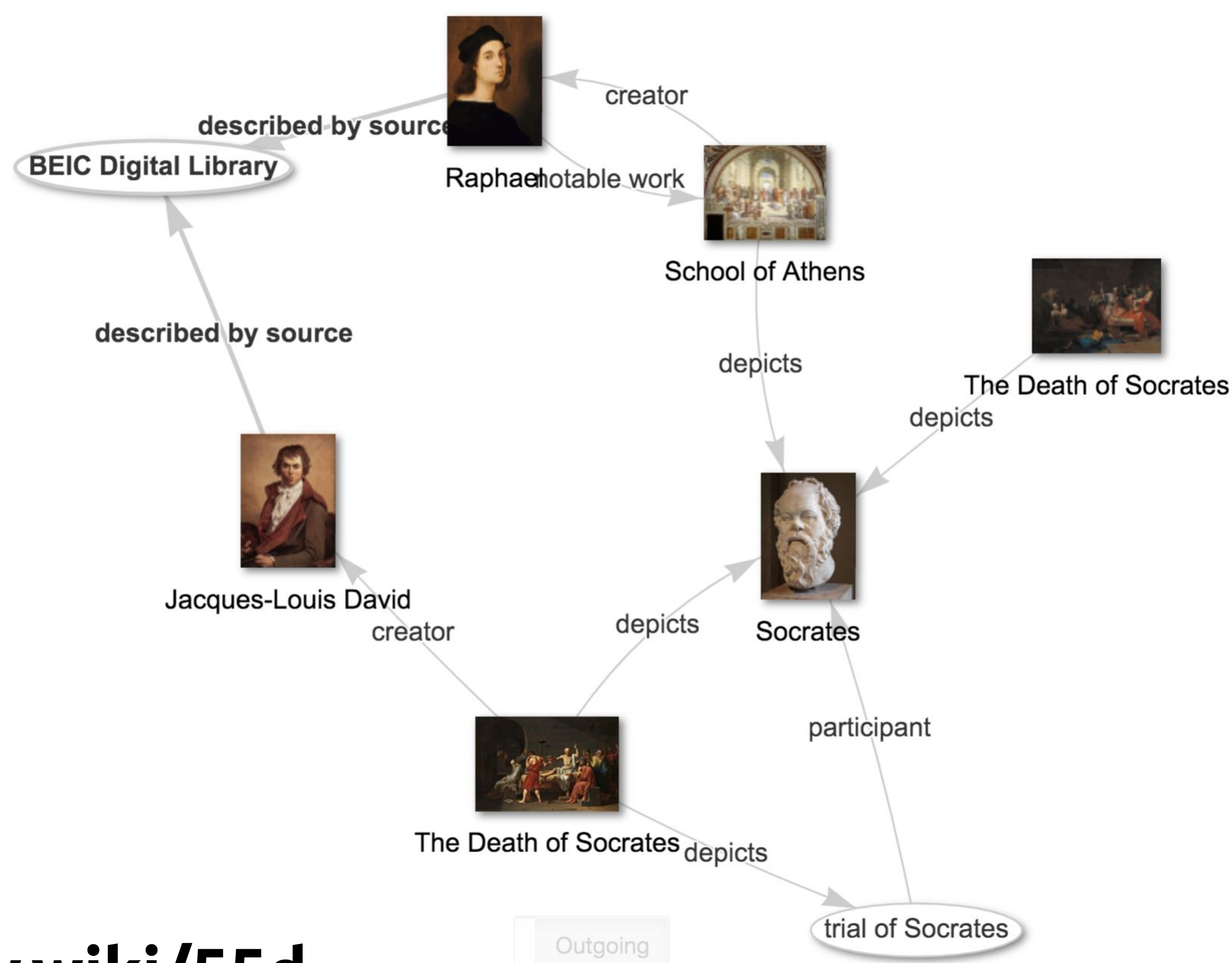


Did you know you can create interactive Wikidata knowledge graphs with a simple SPARQL query?

It works on mobile too. Try scanning this link or entering the URL directly.



<https://w.wiki/55d>



Creating one is simple: specify a list of Wikidata items (Q numbers) to show connections between. Insert them as ?item1 and ?item2 in the SPARQL code below. That's it!

```
#defaultView:Graph
SELECT ?item1 ?image ?item1Label ?item2 ?image2 ?item2Label ?edgeLabel WHERE {
  VALUES ?item1 {wd:Q913 wd:Q186953 wd:Q3110066 wd:Q1752990 wd:Q5597 wd:Q83155 wd:Q51955019 wd:Q20539433}
  VALUES ?item2 {wd:Q913 wd:Q186953 wd:Q3110066 wd:Q1752990 wd:Q5597 wd:Q83155 wd:Q51955019 wd:Q20539433}
  ?item1 ?prop ?item2.
  ?edge ?dummy ?prop ; rdf:type wikibase:Property
  OPTIONAL {?item1 wdt:P18 ?image}
  OPTIONAL {?item2 wdt:P18 ?image2}
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
```

HINTS

Items are draggable and reconfigurable.

Select/tap on items to expand them.

You can choose the outgoing or incoming slider to inspect links going from or to Wikidata items.

Based on the work of Martin Poulter at his blog post: "Making Wikidata Visible" (23 January 2019) <http://blogs.bodleian.ox.ac.uk/digital/2019/01/23/making-wikidata-visible/>

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