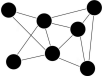

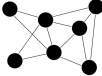
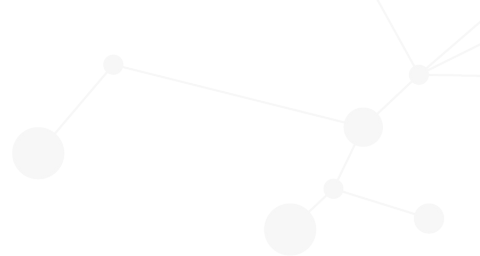


# Going Meta #10: SPARQL based integrations... and managing graph expectations

# Data returned by SPARQL

QUERY TYPE	PRODUCES...	DATA SHAPE	IMPORTED WITH...
SPARQL DESCRIBE	→ RDF		→ n10s
SPARQL SELECT	→ TABLE		→ LOAD CSV, APOC...
SPARQL CONSTRUCT	→ RDF		→ n10s

# Cypher + SPARQL



**WITH** 'https://dbpedia.org/sparql/?query=' as **endpoint**,

```
'select (?company as ?uri) (?name as ?companyname)
where {
  # match company by ticker
  ?company a dbo:Company ;
    dbp:symbol "<<ticker>>"@en ;
    rdfs:label ?name .

  filter(lang(?name) = "en")
}' as query
```

match (o:Organization) where o.ticker is not null

load csv with headers from **endpoint** +  
apoc.text.urlencode(replace(**query**, "<<ticker>>", o.ticker)) as row

return o.ticker, row.companyname, row.uri