Part I

Sparql Endpoint : http://rdf.disgenet.org/sparql/

1   Graphs research

1.1   Queries for graphs and results

graph all_graphs_included.sparql : 1 results
graph graphs_with_a_triple_min.sparql : 13 results
graph graphs_with_rdf_type.sparql : 9 results
The graphs_with_a_triple_min.sparql returns more results (13)

1.2   List of graphs selected

graph 1 - http://rdf.disgenet.org
graph 2 - http://www.openlinksw.com/schemas/virtrdf#
graph 3 - http://www.w3.org/2002/07/owl#
graph 4 - http://localhost:8890/sparql
graph 5 - http://localhost:8890/DAV/
graph 6 - b3sifp
graph 7 - http://www.openlinksw.com/schemas/oplweb#
graph 8 - virtrdf-label
graph 9 - urn:virtuoso:val:acl:schema
graph 10 - b3sonto
graph 11 - facets
graph 12 - urn:rules.skos
graph 13 - http://www.w3.org/ns/ldp#

2 Querying http://rdf.disgenet.org/sparql/

2.1 Results by query

Query class.sparql - distinct results : 309
Query property.sparql - distinct results : 818
Query label_class.sparql - distinct results : 296
Query label_property.sparql - distinct results : 356
Query subclass.sparql - distinct results : 0
Query subproperty.sparql - distinct results : 187
Query property_domain.sparql - distinct results : 415
Query property_range.sparql - distinct results : 400
Query indi_range_property.sparql - distinct results : 772
Query indi_domain_property.sparql - distinct results : 2592
Query entity_type.sparql - distinct results : 500539
Total of unique results found 506684 on http://rdf.disgenet.org/sparql/

2.2 Error Log

- Error on graph http://rdf.disgenet.org query/subclass.sparql : EndPointInternalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398 (sec) exceeds the limit of 400 (sec)

- Error on graph http://www.openlinksw.com/schemas/virtrdf# query/subclass.sparql : EndPointInternalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398 (sec) exceeds the limit of 400 (sec)

- Error on graph http://www.w3.org/2002/07/owl# query/subclass.sparql : EndPointInternalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398 (sec) exceeds the limit of 400 (sec)

- Error on graph http://localhost:8890/sparql query/subclass.sparql : EndPointInternalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398

(sec) exceeds the limit of 400 (sec)

- Error on graph http://localhost:8890/DAV/ query/subclass.sparql :
  EndPointInternalError: The endpoint returned the HTTP status code
  500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph b3sifp query/subclass.sparql : EndPointInternalError:
  The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph http://www.openlinksw.com/schemas/oplweb# query/subclass.sparql
  : EndPointInternalError: The endpoint returned the HTTP status
  code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph virtrdf-label query/subclass.sparql : EndPointInter-
  nalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph urn:virtuoso:val:acl:schema query/subclass.sparql : End-
  PointInternalError: The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph b3sonto query/subclass.sparql : EndPointInternalError:
  The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph facets query/subclass.sparql : EndPointInternalError:
  The endpoint returned the HTTP status code 500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Error on graph urn:rules.skos query/subclass.sparql : EndPointInter-
  nalError: The endpoint returned the HTTP status code 500

Response: b'Virtuoso 42000 Error The estimated execution time 4398
(sec) exceeds the limit of 400 (sec)

- Error on graph http://www.w3.org/ns/ldp# query/subclass.sparql :
  EndPointInternalError: The endpoint returned the HTTP status code
  500

  Response: b'Virtuoso 42000 Error The estimated execution time 4398
  (sec) exceeds the limit of 400 (sec)

- Number of errors : 13

3 Process before indexation

3.1 JSON results conversion after distinct operation

All string results were converted into valid json results

4 Partition in separated queries

The volume of 506684 results does not need query partition

5 Elastic Search Indexation

Index 'class' already exits and will be completed
Storing 309 results in index 'class' took 0.051 secs

Index 'property' already exits and will be completed
Storing 818 results in index 'property' took 0.085 secs

Index 'label_class' already exits and will be completed
Storing 296 results in index 'label_class' took 0.043 secs

Index 'label_property' already exits and will be completed
Storing 356 results in index 'label_property' took 0.069 secs

Index 'subproperty' already exits and will be completed
Storing 187 results in index 'subproperty' took 0.049 secs

Index 'property_domain' already exits and will be completed
Storing 415 results in index 'property_domain' took 0.296 secs

Index 'property_range' already exits and will be completed
Storing 400 results in index 'property_range' took 0.27 secs

Index 'indi_range_property' already exits and will be completed
Storing 772 results in index 'indi_range_property' took 0.37 secs

Index 'indi_domain_property' already exits and will be completed
Storing 2592 results in index 'indi_domain_property' took 1.601 secs

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Query subpartition 1 for entity_type
Total of results to store : 500539
Partition size : 200000
Number of subpartitions : 3
Timesleep : 2 secs

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Index 'entity_type' already exits and will be completed
Storing 200000 results in index 'entity_type' took 39.119 secs

Index 'entity_type' already exits and will be completed
Storing 200000 results in index 'entity_type' took 45.105 secs

Index 'entity_type' already exits and will be completed
Storing 100539 results in index 'entity_type' took 18.979 secs

6   Getting results and indexing times

Getting results for http://rdf.disgenet.org/sparql/ took 8 min (494.181 secs)
Indexation for http://rdf.disgenet.org/sparql/ took 2 min (137.967 secs)