Part I

Sparql Endpoint : http://patho.phenomebrowser.net/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 : 100 results
graph graphs_with_rdf_type.sparql : 100 results
The graphs_with_rdf_type.sparql returns more results (100)

1.2 List of graphs selected

graph 1 - http://www.openlinksw.com/schemas/virtrdf#
graph 2 - http://www.w3.org/2002/07/owl#
graph 3 - http://www.w3.org/2002/07/owl
graph 4 - http://localhost:8890/sparql
graph 5 - http://purl.obolibrary.org/obo/MP_0011164
graph 6 - http://purl.obolibrary.org/obo/DOID_0050012
graph 7 - http://purl.obolibrary.org/obo/DOID_0050059
graph 8 - http://purl.obolibrary.org/obo/DOID_0050118
graph 9 - http://purl.obolibrary.org/obo/DOID_0050125
graph 10 - http://purl.obolibrary.org/obo/DOID_0050133
graph 11 - http://purl.obolibrary.org/obo/DOID_0050136
graph 12 - http://purl.obolibrary.org/obo/DOID_0050143
graph 13 - http://purl.obolibrary.org/obo/DOID_0050155
graph 14 - http://purl.obolibrary.org/obo/DOID_0050160
graph 15 - http://purl.obolibrary.org/obo/DOID_0050175
graph 16 - http://purl.obolibrary.org/obo/DOID_0050179
graph 17 - http://purl.obolibrary.org/obo/DOID_0050183
graph 18 - http://purl.obolibrary.org/obo/DOID_0050195
graph 19 - http://purl.obolibrary.org/obo/DOID_0050204
graph 20 - http://purl.obolibrary.org/obo/DOID_0050211
graph 21 - http://purl.obolibrary.org/obo/DOID_0060478
graph 22 - http://purl.obolibrary.org/obo/DOID_10264

graph 23 - http://purl.obolibrary.org/obo/DOID_10841
graph 24 - http://purl.obolibrary.org/obo/DOID_11079
graph 25 - http://purl.obolibrary.org/obo/DOID_11263
graph 26 - http://purl.obolibrary.org/obo/DOID_11302
graph 27 - http://purl.obolibrary.org/obo/DOID_12365
graph 28 - http://purl.obolibrary.org/obo/DOID_8469
graph 29 - http://purl.obolibrary.org/obo/DOID_2929
graph 30 - http://purl.obolibrary.org/obo/DOID_2934
graph 31 - http://purl.obolibrary.org/obo/DOID_2945
graph 32 - http://ddiem.phenomebrowser.net
graph 33 - http://ddiem.phenomebrowser.net/test
graph 34 - http://purl.obolibrary.org/obo/MP_0001194
graph 35 - http://purl.obolibrary.org/obo/MP_0002461
graph 36 - http://purl.obolibrary.org/obo/MP_0002490
graph 37 - http://purl.obolibrary.org/obo/MP_0002493
graph 38 - http://purl.obolibrary.org/obo/MP_0020174
graph 39 - http://purl.obolibrary.org/obo/MP_0001575
graph 40 - http://purl.obolibrary.org/obo/MP_0001800
graph 41 - http://purl.obolibrary.org/obo/MP_0001819
graph 42 - http://purl.obolibrary.org/obo/MP_0001845
graph 43 - http://purl.obolibrary.org/obo/MP_0001847
graph 44 - http://purl.obolibrary.org/obo/MP_0001858
graph 45 - http://purl.obolibrary.org/obo/MP_0001860
graph 46 - http://purl.obolibrary.org/obo/MP_0001861
graph 47 - http://purl.obolibrary.org/obo/MP_0001953
graph 48 - http://purl.obolibrary.org/obo/MP_0001983
graph 49 - http://purl.obolibrary.org/obo/MP_0002090
graph 50 - http://purl.obolibrary.org/obo/MP_0002418
graph 51 - http://purl.obolibrary.org/obo/MP_0002442
graph 52 - http://purl.obolibrary.org/obo/MP_0002452
graph 53 - http://purl.obolibrary.org/obo/MP_0002459
graph 54 - http://purl.obolibrary.org/obo/MP_0002816
graph 55 - http://purl.obolibrary.org/obo/MP_0003158
graph 56 - http://purl.obolibrary.org/obo/MP_0003304
graph 57 - http://purl.obolibrary.org/obo/MP_0003631
graph 58 - http://purl.obolibrary.org/obo/MP_0003689
graph 59 - http://purl.obolibrary.org/obo/MP_0005408
graph 60 - http://purl.obolibrary.org/obo/MP_0001846
graph 61 - http://purl.obolibrary.org/obo/MP_0001851
graph 62 - http://purl.obolibrary.org/obo/MP_0003541
graph 63 - http://purl.obolibrary.org/obo/MP_0003633

graph 64 - http://purl.obolibrary.org/obo/MP_0004947
graph 65 - http://purl.obolibrary.org/obo/MP_0005253
graph 66 - http://purl.obolibrary.org/obo/MP_0005387
graph 67 - http://purl.obolibrary.org/obo/MP_0005501
graph 68 - http://purl.obolibrary.org/obo/MP_0006082
graph 69 - http://purl.obolibrary.org/obo/MP_0012565
graph 70 - http://purl.obolibrary.org/obo/MP_0013139
graph 71 - http://purl.obolibrary.org/obo/MP_0001862
graph 72 - http://purl.obolibrary.org/obo/MP_0002406
graph 73 - http://purl.obolibrary.org/obo/MP_0020185
graph 74 - http://purl.obolibrary.org/obo/MP_0009792
graph 75 - http://purl.obolibrary.org/obo/ECO_0000203
graph 76 - http://purl.obolibrary.org/obo/ECO_0000218
graph 77 - http://purl.obolibrary.org/obo/NCBITaxon_100588
graph 78 - http://purl.obolibrary.org/obo/NCBITaxon_10376
graph 79 - http://purl.obolibrary.org/obo/NCBITaxon_1048829
graph 80 - http://purl.obolibrary.org/obo/NCBITaxon_1131
graph 81 - http://purl.obolibrary.org/obo/NCBITaxon_121759
graph 82 - http://purl.obolibrary.org/obo/NCBITaxon_1239
graph 83 - http://purl.obolibrary.org/obo/NCBITaxon_1392
graph 84 - http://purl.obolibrary.org/obo/NCBITaxon_1489895
graph 85 - http://purl.obolibrary.org/obo/NCBITaxon_1578
graph 86 - http://purl.obolibrary.org/obo/NCBITaxon_11029
graph 87 - http://purl.obolibrary.org/obo/NCBITaxon_11082
graph 88 - http://purl.obolibrary.org/obo/NCBITaxon_11084
graph 89 - http://purl.obolibrary.org/obo/NCBITaxon_11089
graph 90 - http://purl.obolibrary.org/obo/NCBITaxon_11120
graph 91 - http://purl.obolibrary.org/obo/NCBITaxon_28314
graph 92 - http://purl.obolibrary.org/obo/NCBITaxon_6231
graph 93 - http://purl.obolibrary.org/obo/NCBITaxon_6656
graph 94 - http://purl.obolibrary.org/obo/NCBITaxon_100815
graph 95 - http://purl.obolibrary.org/obo/NCBITaxon_100816
graph 96 - http://purl.obolibrary.org/obo/NCBITaxon_102793
graph 97 - http://purl.obolibrary.org/obo/NCBITaxon_104724
graph 98 - http://purl.obolibrary.org/obo/NCBITaxon_1049
graph 99 - http://purl.obolibrary.org/obo/NCBITaxon_10535
graph 100 - http://purl.obolibrary.org/obo/NCBITaxon_1094346

2 Querying http://patho.phenomebrowser.net/sparql/

2.1 Results by query

Query class.sparql - distinct results : 66
Query property.sparql - distinct results : 201
Query label_class.sparql - distinct results : 41
Query label_property.sparql - distinct results : 46
Query subclass.sparql - distinct results : 27
Query subproperty.sparql - distinct results : 2
Query property_domain.sparql - distinct results : 54
Query property_range.sparql - distinct results : 52
Query indi_range_property.sparql - distinct results : 138
Query indi_domain_property.sparql - distinct results : 423
Query entity_type.sparql - distinct results : 12550
Total of unique results found 13600 on http://patho.phenomebrowser.net/sparql/

2.2 Error Log

No errors encountered during the process

- Number of errors : 0

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 13600 results does not need query partition

5 Elastic Search Indexation

Index 'class' already exits and will be completed
Storing 66 results in index 'class' took 1.201 secs

Index 'property' already exits and will be completed
Storing 201 results in index 'property' took 0.277 secs

Index 'label_class' already exits and will be completed
Storing 41 results in index 'label_class' took 0.092 secs

Index 'label_property' already exits and will be completed
Storing 46 results in index 'label_property' took 0.265 secs

Index 'subclass' already exits and will be completed
Storing 27 results in index 'subclass' took 0.038 secs

Index 'subproperty' already exits and will be completed
Storing 2 results in index 'subproperty' took 0.149 secs

Index 'property_domain' already exits and will be completed
Storing 54 results in index 'property_domain' took 0.043 secs

Index 'property_range' already exits and will be completed
Storing 52 results in index 'property_range' took 0.042 secs

Index 'indi_range_property' already exits and will be completed
Storing 138 results in index 'indi_range_property' took 0.123 secs

Index 'indi_domain_property' already exits and will be completed
Storing 423 results in index 'indi_domain_property' took 0.077 secs

Index 'entity_type' already exits and will be completed
Storing 12550 results in index 'entity_type' took 2.01 secs

6 Getting results and indexing times

Getting results for http://patho.phenomebrowser.net/sparql/ took 18 min (1125.051 secs)

Indexation for http://patho.phenomebrowser.net/sparql/ took 0 min (16.855 secs)