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| Description of Queries | |
| Query # | Query Description |
| BQ1 | The organization/affiliation of distinct authors from a specific country i.e. Singapore participating in any Semantic Web conference. |
| BQ2 | Find the authors of all the publications having “Ontology Engineering” topic. |
| BQ3 | Find all the organizations/universities affiliated with Semantic Web conferences. |
| BQ4 | Find the conferences sponsored by Elsevier (a publishing company). |
| BQ5 | Find the roles performed by the researcher i.e. Pascal Hitzler in Semantic Web conferences using his Twitter account. |
| BQ6 | Find the list of all the persons associated with Semantic Web conferences. |
| BQ7 | Find the publications, roles performed, affiliated institute and the location of the researcher i.e. Cosmin Stroe in Semantic Web conferences using his Facebook account. |
| BQ8 | Find all the publications with the topic “Semantic Web” and the conferences in which these papers were published. |
| BQ9 | Find the list of all authors who presented the papers on topic “Semantic Web” in any Semantic Web conference. |
| BQ10 | Find the roles of all people associated with any Semantic Web conference. |

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| **SPARQL representation of queries** |
| BQ1: |
| SELECT ?author ?role ?organization WHERE {  ?author foaf:based\_near <http://dbpedia.org/resource/Singapore> .  ?author swc:holdsRole ?role .  ?author swrc:affiliation ?organization .  } |
| BQ2: |
| SELECT ?author ?authorAlt WHERE {  ?pub swc:hasTopic <http://dbpedia.org/resource/Ontology\_engineering>.  ?pub swrc:author ?author .  ?author owl:sameAs ?authorAlt .  } |
| BQ3: |
| SELECT DISTINCT ?organization ?name WHERE {  ?organization ?p <http://xmlns.com/foaf/0.1/Organization> .  ?organization rdfs:label ?name  } |
| BQ4: |
| SELECT ?o ?sponsored WHERE{  ?o owl:sameAs <http://dbpedia.org/resource/Elsevier> .  ?o swc:holdsRole ?sponsored .  } |
| BQ5: |
| SELECT ?p ?roles WHERE{  ?p foaf:made <http://twitter.com/pascalhitzler> .  ?p swc:holdsRole ?roles .  } |
| BQ6: |
| SELECT DISTINCT ?person ?name WHERE {  <http://xmlns.com/foaf/0.1/Person> ?p ?person .  ?person rdfs:label ?name .  } |
| BQ7: |
| SELECT DISTINCT ?pubs ?role ?institute ?loc WHERE{  ?author foaf:homepage <http://www.facebook.com/cosmin.stroe> .  ?author foaf:made ?pubs .  ?author swc:holdsRole ?role .  ?author swrc:affiliation ?institute.  ?author foaf:based\_near ?loc  } |
| BQ8: |
| SELECT DISTINCT ?pubs ?conference WHERE {  <http://dbpedia.org/resource/Semantic\_Web> ?p ?pubs .  ?pubs swc:isPartOf ?conference .  } |
| BQ9: |
| SELECT DISTINCT ?pubs ?author WHERE {  <http://dbpedia.org/resource/Semantic\_Web> ?p ?pubs .  ?pubs swrc:author ?author .  } |
| BQ10: |
| SELECT DISTINCT ?name ?author WHERE {  <http://xmlns.com/foaf/0.1/Person> ?p ?person .  ?person rdfs:label ?name .  ?person swc:holdsRole ?author .  } |

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| **SPARQL representation of queries** |
| WQ1: |
| SELECT ?paper ?n WHERE {  ?paper swc:isPartOf  <http://data.semanticweb.org/conference/iswc/2008/poster\_demo\_proceedings>.  ?paper swrc:author ?p .  ?p rdfs:label ?n .  } |
| WQ2: |
| SELECT ?paper ?p WHERE {  ?proceedings swc:relatedToEvent <http://data.semanticweb.org/conference/eswc/2010> .  ?paper swc:isPartOf ?proceedings .  ?paper swrc:author ?p .  } |
| WQ3: |
| SELECT ?p ?n WHERE {  ?paper swc:isPartOf  <http://data.semanticweb.org/conference/iswc/2008/poster\_demo\_proceedings>.  ?paper swrc:author ?p .  ?p owl:sameAs ?x .  ?p rdfs:label ?n .  } |
| WQ4: |
| SELECT ?paper ?proceedings WHERE{  ?role swc:isRoleAt <http://data.semanticweb.org/conference/eswc/2010> .  ?role swc:heldBy ?p .  ?paper swrc:author ?p .  ?paper swc:isPartOf ?proceedings .  ?proceedings swc:relatedToEvent  <http://data.semanticweb.org/conference/eswc/2010>.  } |
| WQ14: |
| SELECT ?author ?authorAlt WHERE{  ?pub swc:isPartOf  <http://data.semanticweb.org/conference/eswc/2009/proceedings>.  ?pub swc:hasTopic ?topic .  ?topic rdfs:label "Ontology engineering"@en .  ?pub swrc:author ?author .  ?author owl:sameAs ?authorAlt .  } |