**Ranking Entity-Annotated Archived Documents**

**for Structured Queries**

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List of Queries used to get Documents for Manual Evaluation

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| --- | --- | --- | --- |
| **No.** | **Query Category** | **Information Need** | **SPARQL QUERY** |
| 1 | Single-Entity Query | Find articles between 1990-02-06 and 1990-02-15 about Nelson Mandela | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1990-02-06') &&  ?date <= xsd:date('1990-02-15')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Nelson_Mandela>> .  ?article dc:title ?title  } |
| 2 | Single-Entity Query | Find articles between  1987-01-01 and 1987-04-30 about Fidel Castro | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1987-01-01') &&  ?date <= xsd:date('1987-04-30')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Fidel_Castro>>.  ?article dc:title ?title  } |
| 3 | Single-Entity Query | Find articles between  1991-01-16 and 1991-01-18 about Gulf War | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1991-01-16') &&  ?date <= xsd:date('1991-01-18')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Gulf_War>> .  ?article dc:title ?title  } |
| 4 | Single-Entity Query | Find articles  Between  1988-10-15 and 1988-12-31 about the rock band Beatles | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1988-10-15') &&  ?date <= xsd:date('1988-12-31')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/The_Beatles>> .  ?article dc:title ?title  } |
| 5 | Single-Entity Query | Find articles between  1991-07-01 and 1991-09-30 about the video game company Nintendo | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1991-07-01') &&  ?date <= xsd:date('1991-09-30')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Nintendo>> .  ?article dc:title ?title  } |
| 6 | Single-Entity Query | Find articles between  1990-10-01 and 1991-10-31 about United Airlines | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1990-10-01') &&  ?date <= xsd:date('1990-10-31')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/United_Airlines>> .  ?article dc:title ?title  } |
| 7 | Single-Entity Query | Find articles of January and February 1991 about Alzheimer’s Disease | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1991-01-01') &&  ?date <= xsd:date('1991-02-28')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Alzheimer's_disease>> .  ?article dc:title ?title  } |
| 8 | >1 Entity Query (AND Semantics) | Find articles between  1988-11-10 and 1989-12-31 discussing about  former US President  George H.W. Bush and former Soviet Union President Mikhail Gorbachev | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT COUNT DISTINCT ?article WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1988-11-10') &&  ?date <= xsd:date('1989-12-31')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/George_H._W._Bush>> .  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Mikhail_Gorbachev>> .  ?article dc:title ?title  } |
| 9 | >1 Entity Query (AND Semantics) | Find articles between  1990-05-01 and 1990-08-10 discussing about Nelson Mandela, F.W. de Klerk and Apartheid | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1990-05-01') &&  ?date <= xsd:date('1990-08-10')).  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Nelson_Mandela>> .  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/F._W._de_Klerk>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Apartheid>> .  ?article dc:title ?title  } |
| 10 | >1 Entity Query (AND Semantics) | Find articles between  1987-07-15 and  1991-07-31 about former Indian Prime Minister Rajiv Gandhi and the Tamil Tigers, the militant organization involved in the Sri Lankan Civil War | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1987-07-15') &&  ?date <= xsd:date('1991-07-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Rajiv_Gandhi>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Liberation_Tigers_of_Tamil_Eelam>> .  ?article dc:title ?title  } |
| 11 | >1 Entity Query (AND Semantics) | Find articles between 1989-11-01 and 1990-02-10 discussing about German reunification and the Berlin Wall | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1989-11-01') &&  ?date <= xsd:date('1990-02-10')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/German_reunification>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Berlin_Wall>> .  ?article dc:title ?title  } |
| 12 | >1 Entity Query (AND Semantics) | Find articles between 1987 and 1991 about Hollywood Actors Robert de Niro and Sean Connery | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1987-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Robert_De_Niro>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Sean_Connery>> .  ?article dc:title ?title  } |
| 13 | >1 Entity Query (AND Semantics) | Find articles between March 1987 and June 1987 about US President Ronald Reagan and Iran Supreme Leader Ayatollah Khomeini | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1987-03-01') &&  ?date <= xsd:date('1987-06-30')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Ronald_Reagan>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Ruhollah_Khomeini>> .  ?article dc:title ?title  } |
| 14 | >1 Entity Query (AND Semantics) | Find articles between January 1990 and May 1990 about State of Israel and Hezbollah | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  ?article dc:date ?date FILTER(?date >= xsd:date('1990-01-01') &&  ?date <= xsd:date('1990-05-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Israel>> .  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Hezbollah>> .  ?article dc:title ?title  } |
| 15 | >1 Entity Query (OR Semantics) | Find articles between  1989-04-01 and 1989-12-31 about King Fahd of Saudi Arabia or Sheikh Zayed, Founder of the United Arab Emirates | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  {  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Fahd_of_Saudi_Arabia>> .  ?article dc:date ?date FILTER(?date >= xsd:date('1989-04-01') &&  ?date <= xsd:date('1989-12-31')).  ?article dc:title ?title  }UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-04-01') &&  ?date <= xsd:date('1989-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Zayed_bin_Sultan_Al_Nahyan>> .  ?article dc:title ?title}  } |
| 16 | >1 Entity Query (OR Semantics) | Find articles between  1989-07-01 and 1989-12-01 about Pablo Escobar, Colombian Drug Lord and Head of the Medellin Cartel or Colombian Presidents | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  {  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Pablo_Escobar>> .  ?article dc:date ?date FILTER(?date >= xsd:date('1989-07-01') &&  ?date <= xsd:date('1989-12-01')).  ?article dc:title ?title  }UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-07-01') &&  ?date <= xsd:date('1989-12-01')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/President_of_Colombia>> .  ?article dc:title ?title}  } |
| 17 | >1 Entity Query (OR Semantics) | Find articles between  1989 and 1991 discussing about the wrestler Hulk Hogan or WrestleMania Event | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Hulk_Hogan>> .  ?article dc:title ?title}  UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/WrestleMania>> .  ?article dc:title ?title}  } |
| 18 | >1 Entity Query (OR Semantics) | Find articles of 1991 discussing about the religions Hinduism, Sikhism or Jainism | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {{  ?article dc:date ?date FILTER(?date >= xsd:date('1991-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Hinduism>> .  ?article dc:title ?title}  UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1991-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Sikhism>> .  ?article dc:title ?title}  UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1991-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity3 .  ?entity3 oae:hasMatchedURI <<http://dbpedia.org/resource/Jainism>> .  ?article dc:title ?title}  } |
| 19 | >1 Entity Query (OR Semantics) | Find articles between 1990 and 1991 about Formula One Drivers Aryton Senna, Nelson Piquet or Alain Prost | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?title WHERE {{  ?article dc:date ?date FILTER(?date >= xsd:date('1990-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Aryton_Senna>> .  ?article dc:title ?title}  UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1990-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity2 .  ?entity2 oae:hasMatchedURI <<http://dbpedia.org/resource/Nelson_Piquet>> .  ?article dc:title ?title}  UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1990-01-01') &&  ?date <= xsd:date('1991-12-31')).  ?article schema:mentions ?entity3 .  ?entity3 oae:hasMatchedURI <<http://dbpedia.org/resource/Alain_Prost>> .  ?article dc:title ?title}  } |
| 20 | >1 Entity Query (OR Semantics) | Find articles September 1989 about Tennis players Steffi Graf or Martina Navratilova | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  {  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Steffi_Graf>> .  ?article dc:date ?date FILTER(?date >= xsd:date('1989-09-01') &&  ?date <= xsd:date('1989-09-30')).  ?article dc:title ?title  }UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-09-01') &&  ?date <= xsd:date('1989-09-30')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Martina_Navratilova>> .  ?article dc:title ?title}  } |
| 21 | >1 Entity Query (OR Semantics) | Find articles between June and December 1989 about UK PM Margaret Thatcher or UK Deputy PM Geoffrey Howe | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  {  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI <<http://dbpedia.org/resource/Margaret_Thatcher>> .  ?article dc:date ?date FILTER(?date >= xsd:date('1989-06-01') &&  ?date <= xsd:date('1989-12-31')).  ?article dc:title ?title  }UNION{  ?article dc:date ?date FILTER(?date >= xsd:date('1989-06-01') &&  ?date <= xsd:date('1989-12-31')).  ?article schema:mentions ?entity1 .  ?entity1 oae:hasMatchedURI <<http://dbpedia.org/resource/Geoffrey_Howe>> .  ?article dc:title ?title}  } |
| 22 | Category Query (OR Semantics) | Find articles of June 1989 discussing about Chicago Bulls players | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Chicago\_Bulls\_players.}  ?article dc:date ?date FILTER (?date>="1989-06-01"^^xsd:date &&  ?date<="1989-06-30"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |
| 23 | Category Query (OR Semantics) | Find articles between  1990-01-01 and 1990-04-10 mentioning Civilian Astronauts of NASA | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:NASA\_civilian\_astronauts.}  ?article dc:date ?date FILTER (?date>="1990-01-01"^^xsd:date &&  ?date<="1990-04-10"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |
| 24 | Category Query (OR Semantics) | Find articles between  1990-04-01 and 1991-12-01 mentioning Indian Sportspersons who received the Arjuna Award | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Recipients\_of\_the\_Arjuna\_Award.}  ?article dc:date ?date FILTER (?date>="1990-04-01"^^xsd:date &&  ?date<="1991-12-01"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |
| 25 | Category Query (OR Semantics) | Find articles between  1991-04-01 and 1991-11-01 mentioning Williams Formula One drivers | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Williams\_Formula\_One\_drivers.}  ?article dc:date ?date FILTER (?date>="1991-04-01"^^xsd:date &&  ?date<="1991-11-01"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |
| 26 | Category Query (OR Semantics) | Find articles between  1987-06-01 and 1987-06-30 discussing about famous Indian personalities who got awarded the Bharat Ratna | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Recipients\_of\_the\_Bharat\_Ratna.}  ?article dc:date ?date FILTER (?date>="1987-06-01"^^xsd:date &&  ?date<="1987-06-30"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |
| 27 | Category Query (OR Semantics) | Find articles between  1990-01-01 and 1990-01-31 about  Aviation accidents and incidents of 1990 | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Aviation\_accidents\_and\_incidents\_in\_1990.}  ?article dc:date ?date FILTER (?date>="1990-01-01"^^xsd:date &&  ?date<="1990-01-31"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title  } |
| 28 | Category Query (OR Semantics) | Find articles of February 1988 discussing about Cognitive disorders | PREFIX dc: <<http://purl.org/dc/terms/>>  PREFIX oae: <<http://www.ics.forth.gr/isl/oae/core#>>  PREFIX dbc: <<http://dbpedia.org/resource/Category:>>  PREFIX xsd: <<http://www.w3.org/2001/XMLSchema#>>  PREFIX dbo: <<http://dbpedia.org/ontology/>>  PREFIX dbr: <<http://dbpedia.org/resource/>>  PREFIX schema: <<http://schema.org/>>  SELECT DISTINCT ?article ?date ?title WHERE {  SERVICE <<http://dbpedia.org/sparql>> {  ?entityUri dc:subject dbc:Cognitive\_disorders.}  ?article dc:date ?date FILTER (?date>="1988-02-01"^^xsd:date &&  ?date<="1988-02-28"^^xsd:date) .  ?article schema:mentions ?entity .  ?entity oae:hasMatchedURI ?entityUri .  ?article dc:title ?title } |