


Task 1.1

 Apache Jena Fuseki

[dataset](#) [manage datasets](#) [help](#)

Server status: ●

Dataset: /ds3

[query](#) [upload files](#) [edit](#) [info](#)

SPARQL query

To try out some SPARQL queries against the selected dataset, enter your query here.

EXAMPLE QUERIES

Selection of triples Selection of classes

PREFIXES

[rdf](#) [rdfs](#) [owl](#) [xsd](#) [⊞](#)

SPARQL ENDPOINT: /ds3/sparql CONTENT TYPE (SELECT): JSON CONTENT TYPE (GRAPH): Turtle

```
1 PREFIX dcterm: <http://purl.org/dc/terms/>
2 PREFIX lmbd: <http://data.linkedmdb.org/movie/>
3 PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
4
5 SELECT DISTINCT ?actor_name ?movie_title
6 WHERE {
7   ?movie a lmbd:film ;
8         lmbd:actor/lmbd:actor_name ?actor_name ;
9         dcterm:title|rdfs:label ?movie_title .
10  FILTER regex(?actor_name, "^B")
11 }
12 LIMIT 10
```

QUERY RESULTS

[Table](#) [Raw Response](#) [⬇](#)

Showing 1 to 10 of 10 entries

Search: Show All entries

	actor_name	movie_title
1	"Ben Gazzara"	"Bloodline"
2	"Beau Bridges"	"The Wizard"
3	"Barbara Barrie"	"Hercules: Zero to Hero"
4	"Balakrishna Nandamuri"	"Maharadhi"
5	"Ben Johnson"	"Terror Train"
6	"Bob Hoskins"	"The Favour, the Watch and the Very Big Fish"
7	"Basil Sydney"	"Red Hot Romance"
8	"Bernard Bresslaw"	"Carry On Abroad"
9	"Barbara Windsor"	"Carry On Abroad"
10	"Ben Turpin"	"His New Job"

Showing 1 to 10 of 10 entries

Task 1.2

Apache
Jena
Fuseki

datasetmanage datasetshelp

Server
status:

Dataset: /ds3

queryupload fileseditinfo

SPARQL query

To try out some SPARQL queries against the selected dataset, enter your query here.

EXAMPLE QUERIES

Selection of triplesSelection of classes

PREFIXES

rdfsrdfsowlxsd

SPARQL ENDPOINT

/ds3/sparql

CONTENT TYPE (SELECT)

JSON

CONTENT TYPE (GRAPH)

Turtle

9

10

11

12

13

14

15

16

17

18

19

20

21

22

SELECT DISTINCT ?actor ?name

WHERE {

?actor a lmdb:actor ;

lmdb:actor_name ?name .

?producer a lmdb:producer ;

lmdb:producer_name ?name .

FILTER NOT EXISTS

{

?director a lmdb:director ;

lmdb:director_name ?name .

}

}

LIMIT 10

QUERY RESULTS

TableRaw Response

Showing 1 to 10 of 10 entries


Search:

Show All entries

	actor	name
1	<http://data.linkedmdb.org/actor/16153>	"Dick Clark"
2	<http://data.linkedmdb.org/actor/23837>	"Mohan"
3	<http://data.linkedmdb.org/actor/16188>	"Dilip Kumar"
4	<http://data.linkedmdb.org/actor/10335>	"Brandon Baker"
5	<http://data.linkedmdb.org/actor/18001>	"Gregory Hines"
6	<http://data.linkedmdb.org/actor/15513>	"Damon Wayans"
7	<http://data.linkedmdb.org/actor/25084>	"Peter Greene"
8	<http://data.linkedmdb.org/actor/26841>	"Sean Connery"
9	<http://data.linkedmdb.org/actor/25114>	"Peter Nelson"
10	<http://data.linkedmdb.org/actor/24323>	"Nikki Reed"

Showing 1 to 10 of 10 entries

Task 1.3

 Apache Jena Fuseki

[dataset](#) [manage datasets](#) [help](#)

Server status: ●

Dataset: /ds3

query upload files edit info

SPARQL query

To try out some SPARQL queries against the selected dataset, enter your query here.

EXAMPLE QUERIES
[Selection of triples](#) [Selection of classes](#)

PREFIXES
[rdf](#) [rdfs](#) [owl](#) [xsd](#) [o](#)

SPARQL ENDPOINT
/ds3/sparql

CONTENT TYPE (SELECT)
JSON

CONTENT TYPE (GRAPH)
Turtle

```
13      ?movie a lmbd:film ;
14            lmbd:actor ?actor ;
15            lmbd:director ?director .
16      ?director a lmbd:director ;
17            lmbd:director_name ?director_name .
18      FILTER ( ?actor_name != ?director_name )
19    }
20    GROUP BY ?actor ?director
21    HAVING ( ?num > 20 )
22  }
23  ?actor lmbd:actor_name ?actor_name .
24  ?director lmbd:director_name ?director_name .
25  }
26  LIMIT 10
```

QUERY RESULTS

Table Raw Response

Showing 1 to 4 of 4 entries

Search:

Show All entries

	actor_name	director_name	num
1	"Stan Laurel"	"James Parrott"	"21"^^xsd:integer
2	"Moe Howard"	"Jules White"	"23"^^xsd:integer
3	"Edna Purviance"	"Charlie Chaplin"	"36"^^xsd:integer
4	"Kenneth Williams"	"Gerald Thomas"	"26"^^xsd:integer

Showing 1 to 4 of 4 entries

Task 1.4

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datasetmanage datasetshelp

Server
status:

Dataset: /ds3

queryupload fileseditinfo

SPARQL query

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EXAMPLE QUERIES

Selection of triplesSelection of classes

PREFIXES

rdfsrdfsowlxsd

SPARQL ENDPOINT

/ds3/sparql

CONTENT TYPE (SELECT)

JSON

CONTENT TYPE (GRAPH)

Turtle

```
4 PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
5
6 SELECT ?country_name ?millions (COUNT(DISTINCT ?movie) AS ?num)
7 WHERE {
8   ?movie a lmdb:film ;
9         lmdb:country/lmdb:country_name ?country_name ;
10        lmdb:country/lmdb:country_population ?popu ;
11        lmdb:genre/lmdb:film_genre_name ?genre_name .
12   FILTER (?genre_name = "Drama") # ?Comedy Drama
13   BIND( xsd:integer(?popu)/1000000 AS ?millions ).
14 }
15 GROUP BY ?country_name ?millions
16 ORDER BY DESC(?num)
17 LIMIT 10
```

QUERY RESULTS

TableRaw Response

Showing 1 to 10 of 10 entries

Search:

Show All entries

	country_name	millions	num
1	"United States"	*303.824^^xsd:decimal	*3043^^xsd:integer
2	"United Kingdom"	*60.943^^xsd:decimal	*541^^xsd:integer
3	"France"	*64.094^^xsd:decimal	*392^^xsd:integer
4	"Italy"	*58.145^^xsd:decimal	*259^^xsd:integer
5	"Canada"	*33.679^^xsd:decimal	*244^^xsd:integer
6	"Argentina"	*40.677^^xsd:decimal	*184^^xsd:integer
7	"Spain"	*40.491^^xsd:decimal	*159^^xsd:integer
8	"Germany"	*82.369^^xsd:decimal	*141^^xsd:integer
9	"Japan"	*127.288^^xsd:decimal	*127^^xsd:integer
10	"India"	*1147.995^^xsd:decimal	*126^^xsd:integer

Showing 1 to 10 of 10 entries

Task 1.5

Apache
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datasetmanage datasetshelp

Server
status:

Dataset: /ds3

queryupload fileseditinfo

SPARQL query

To try out some SPARQL queries against the selected dataset, enter your query here.

EXAMPLE QUERIES

Selection of triplesSelection of classes

PREFIXES

rdfsrdfsowlxsd

SPARQL ENDPOINT

/ds3/sparql

CONTENT TYPE (SELECT)

JSON

CONTENT TYPE (GRAPH)

Turtle

14

{

15

?db_actor a dbo:Actor ;

16

foaf:gender ?gender ;

17

dbo:birthDate ?birth ;

18

dbo:birthYear ?y.

19

FILTER(?y>"1970"^^xsd:gYear && REGEX(?gender, "female", "i"))

20

}

21

GROUP BY ?db_actor

22

}

23

?actor a lmdb:actor ;

24

owl:sameAs ?db_actor ;

25

lmdb:actor_name ?name .

26

}

27

LIMIT 10

QUERY RESULTS

TableRaw Response

Showing 1 to 10 of 10 entries

Search: Show All entries

	name	date_of_birth
1	"Mayumi Yamaguchi"	"1975-05-12"^^xsd:date
2	"Inday Ba"	"1972-08-10"^^xsd:date
3	"Miho Fujima"	"1978-11-29"^^xsd:date
4	"Maho Nonami"	"1980-05-13"^^xsd:date
5	"Rena Tanaka"	"1980-05-22"^^xsd:date
6	"Alexandra Rapaport"	"1971-12-26"^^xsd:date
7	"Maud Forget"	"1982-05-07"^^xsd:date
8	"Sarah Patterson"	"1972-01-22"^^xsd:date
9	"Yui Ichikawa"	"1986-02-10"^^xsd:date
10	"Dany Verissimo"	"1982-06-27"^^xsd:date

Showing 1 to 10 of 10 entries

Task 2.1

Wikidata Query Service

ExamplesHelpMore tools

English

1

SELECT DISTINCT ?actor ?name ?date_of_birth

2

WHERE

3

{

4

?actor wdt:P106/wdt:P279* wd:Q33999 ;

5

wdt:P106/wdt:P279* wd:Q639669 ;

6

p:P361 [ps:P361/wdt:P31 wd:Q215380 ;

7

pq:P580 ?start_date ;

8

pq:P582 ?end_date] .

9

10

FILTER(YEAR(?start_date)>=1960 && YEAR(?end_date)<=2010)

11

12

OPTIONAL { ?actor wdt:P569 ?date_of_birth .}

13

14

SERVICE wikibase:label { bd:serviceParam wikibase:language "en".

15

?actor rdfs:label ?name .

16

}

17

}

18

LIMIT 10

Table

10 results in 12747 ms

CodeDownloadLink

actor	name	date_of_birth
Q3752129	Franz Di Cioccio	21 January 1946
Q3752129	Franz Di Cioccio	20 January 1946
Q2599	Paul McCartney	18 June 1942
Q16244333	Pamela Morgan	25 November 1957
Q364881	Trevor Rabin	13 January 1954
Q5383	David Bowie	8 January 1947
Q4984958	Kevin Blackmore	1 January 1955
Q36153	Beyoncé	4 September 1981
Q3983826	Teo Teocoli	25 February 1945
Q265179	Rita Lee	31 December 1947

Task 2.2

