




Information and Links

SPARQL playground download: <https://github.com/calipho-sib/sparql-playground/archive/1.2.0.zip>

The SPARQL playground comes with 3 different scenarios:

- A **default** scenario containing less than 100 triples with persons and their pets.
- A **UniProt** sample dataset containing 5 entries (~ 10'000 triplets)
- A **neXtProt** sample dataset containing 85 entries (~ 6 millions triples)

Each scenario can be launched offline by executing its corresponding start script. For some scenarios a live version also exists, however we recommend to use the offline version since it offers more reliability and added features (not concurrent access / turtle reload on the fly)

	Offline playground	Live playground	Production environment
Default 	http://localhost:8888 < 100 triples	http://sparql-playground.isb-sib.ch/ < 100 triples	N/A
	http://localhost:9999 ~ 10'000 triples	http://bc2-2015.sparql.uniprot.org ~ 10'000 triples	http://sparql.uniprot.org ~ 14'000'000'000 triples !!!
	http://localhost:7777 ~ 6'000'000 triples	http://sparql-playground.nextprot.org ~ 6'000'000 triples	http://snorql.nextprot.org/ https://search.nextprot.org/ ~ 530'000'000 triples

How to explore a new dataset? <http://sparql-playground.isb-sib.ch/faq>

BONUS : For developers who would like to create charts with SPARQL queries in javascript, here are 2 nice examples:

- [protein existence](#) and [genes per chromosome](#)

Some documentation about the example selected

some documentation related to the scenario

The turtle data of the scenario with reload on the fly !

Other sparql resources

Default prefixes are automatically appended

Sparql editor with code highlight functionalities

results can be exported in html, json, xml and csv

Click on go to execute the query

result set in html

SPARQL playgroundDocumentationFAQsDataAboutSPARQL Resources

Select all things that are females

Selects subjects connected to the literal "female" via the predicate tto:sex
?thing is the only variable

Show SPARQL prefixes ...SPARQL Endpoint: http://localhost:8080/sparql

```
select ?thing where {  
  ?thing tto:sex "female" .  
}
```

#Notice that the pets are also taken

The SPARQL endpoint in use

htmlGoReset

Query time is 0.155[s] for 2 rows

thing
ttr:Eve
ttr:LunaCat

Filter examples queries by tags or text

example queries with optional diagram to help understanding the use case

