

SPARQL Queries – Pascal Brunner – brunnpa7 – eHealth

1. Query: *Select all people by showing their sex and name*

```
select ?people ?sex ?name where {  
  ?people rdf:type dbo:Person .  
  ?people dbp:name ?name .  
  ?people tto:sex ?sex .  
}
```

Result:

people	sex	name
ttr:Eve	"female"	"Eve"
ttr:John	"male"	"John"
ttr:William	"male"	"William"

2. Query: *Select all people that do not have a Pet*

```
select ?person ?pet where {  
  ?person rdf:type dbo:Person .  
  filter not exists { ?person tto:pet ?pet } .  
}
```

Result:

person	pet
ttr:Eve	-

3. Query: *Select all animals that do not have a weight with 4kg and show the animal-type*

```
select ?thing ?weight ?type where {  
  ?type rdfs:subClassOf+ tto:Animal .  
  ?thing a ?type .  
  ?thing tto:weight ?weight .  
  FILTER ((?weight > 0.0 && ?weight < 4.0) || (?weight > 4.9 && ?weight < 100))  
}order by ?weight
```

thing	weight	type
ttr:SnuffMonkey	"3.6"	tto:Monkey
ttr:TomCat	"5.8"	tto:Cat
ttr:RexDog	"8.8"	tto:Dog