

1 Other queries

1.1 Ranking

Suppose I have the following triples:

```
:A :value 60 .  
:B :value 23 .  
:C :value 89 .  
:D :value 34 .
```

and I want to obtain a ranking where C would be 1, A 2, D 3 and B 4.

The ranking can be obtained as:

```
SELECT ?x ?v ?ranking {  
  ?x :value ?v .  
  { SELECT (GROUP_CONCAT(?x;separator="") as ?ordered) {  
    { SELECT ?x {  
      ?x :value ?v .  
    } ORDER BY DESC(?v)  
  }  
}  
  BIND (str(?x) as ?xName)  
  BIND (strbefore(?ordered,?xName) as ?before)  
  BIND ((strlen(?before) / strlen(?xName)) + 1 as ?ranking)  
} ORDER BY ?ranking
```

Another solution by Joshua Taylor would be:

```
SELECT ?x ?v (COUNT(*) as ?ranking) WHERE {  
  ?x :value ?v .  
  [] :value ?u .  
  FILTER( ?v <= ?u )  
}  
GROUP BY ?x ?v  
ORDER BY ?ranking
```