Metrics

Data:

No of nodes: 161,338

No. of relationship: 334,180

Node:

(id, lemma, pos)

Relationships:

(start\_id, end\_id)

**SQL**: python sqlite3 version 2.6.0

Time to add nodes and relationships: 47.0224506855011 seconds

Time taken to get node count: 0.7398862838745117 seconds

Time taken to get relationship count: 1.9553942680358887 seconds

Total time taken to check database metrics: 2.7226932048797607 seconds

Time to query children nodes of a node for up to depth N:

**PIG**:

Total time to add nodes and relationships: 38 seconds

Time taken to get node count: 38.739 seconds

Time taken to get relationship count: 39.957 seconds

Total time taken to check database metrics: 40.722 seconds