Going Meta #1: Cypher & SPARQL

JB works for Neo4j...

The World

PG
(high level model)

Person
{ uri: id:1234 ,
name: "JB",
dob: "28/08",
ac_degr: "PhD" }

works_for
{ since: "2015",
cur_role: "Director SE" }

Company
{ uri: id:7474,
cname: "Neo4j" ,
est: "2007",
no_emp: "530",
ipo_st: "Private" }

A question: Who does "JB" work for?

```
MATCH (:Person { name: "JB"})-[:works_for]->(c)
RETURN c
```

The World

RDF
(low level model)

<id:1234> <type> <Person>
<id:1234> <name> "JB"
<id:1234> <dob> "28/08"
<id:1234> <ac_degr> "PhD"

<id:1234> <works4> <id:7474>
<<~>> <since> "2015"
<<~>> <cur_role> "Director SE"

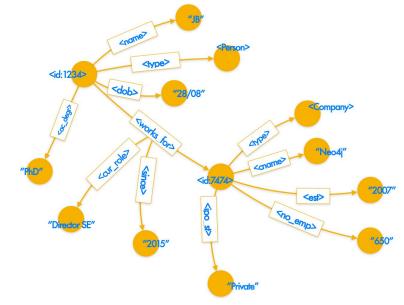<id:7474> <type> <Company>
<id:7474> <cname> "Neo4j"
<id:7474> <est> "2007"
<id:7474> <no_emp> "530"
<id:7474> <ipo_st> "Private"

A question: Who does "JB" work for?

```
SELECT ?cname ?cest ?cnoemp
WHERE {
    ?p a :Person.
    ?p :name "JB".
    ?p :works_for ?c .
    ?c :cname ?cname .
    ?c :cest ?cest .
    ?c :no_emp ?cnoemp .
}
```


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