Neo4j

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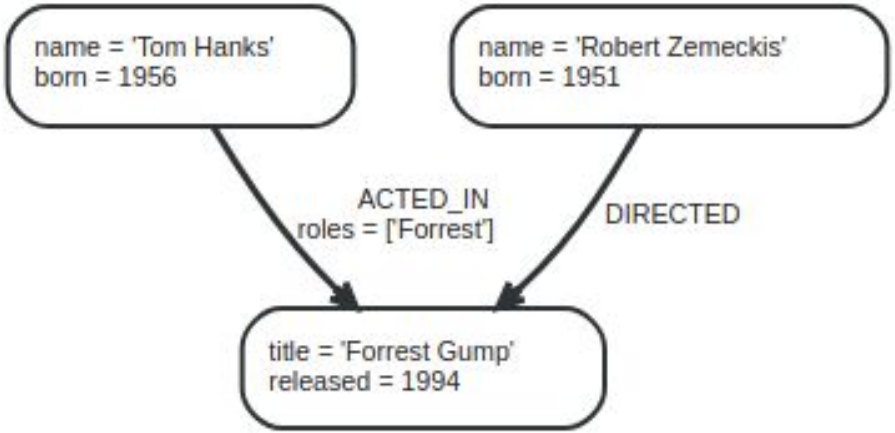
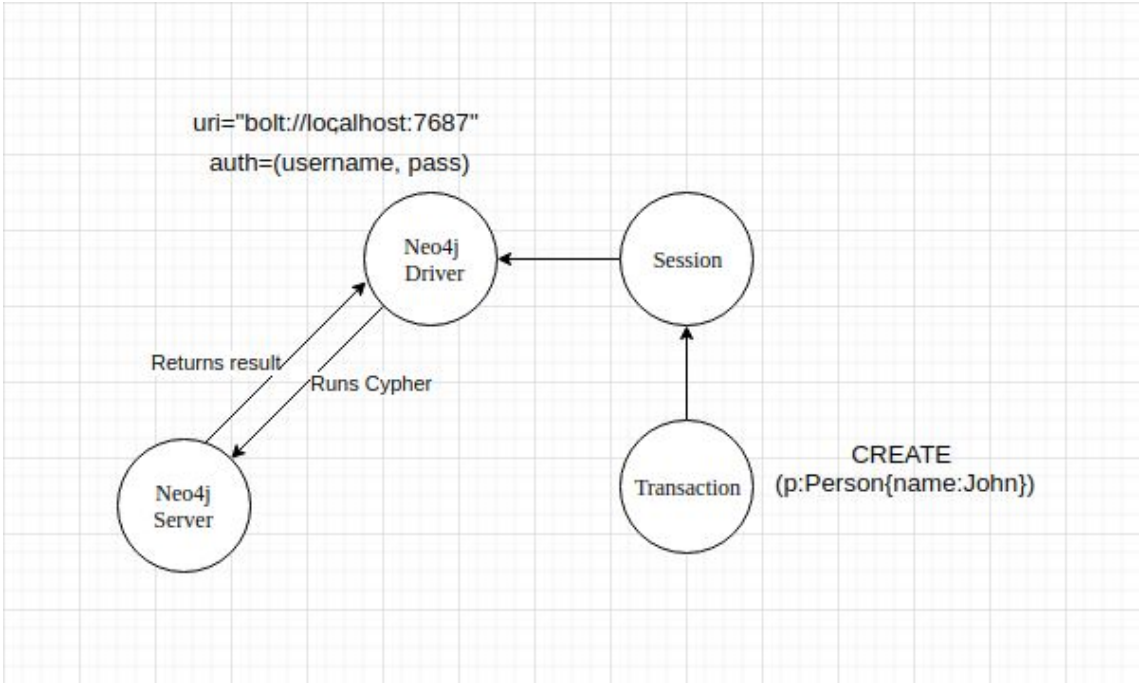
Neo4j


IS FRIEND OF
LIKES
name:
Zush1 Zam
neo4j
SERVES
LOCATED IN
cuisine:
1Sush1
IS FRIEND OF
LIKES
SERVES
location:
New York
name:
1Sush1
LOCATED IN

Estrutura


name = 'Tom Hanks'
born = 1956
name = 'Robert Zemeckis'
born = 1951
ACTED_IN
roles = ['Forrest']
DIRECTED
title = 'Forrest Gump'
released = 1994

Python driver



Pequeno Exemplo

```
#!/usr/bin/env python3
from neo4j import GraphDatabase
def main():
    driver = GraphDatabase.driver(uri="bolt://localhost:7687" , auth=("neo4j", "eheh"))

    warehouse = "Clothing"
    store = "Lewis"
    relation = "Provides"

    with driver.session() as session:
        session.run("CREATE (node1:Warehouse {name: $warehouse})-[r:"+relation+"]->(node2:Store{name: store})",warehouse=warehouse,store=store, relation=relation)

if __name__ == "__main__":
    main()
```

Pequeno Exemplo- Resultado

Relationship Finder

- Percorrer frase a frase e tentar identificar pessoas e relações entre estas;
- Se encontrar, e caso ainda não exista na base de dados, adicionar nodes para as pessoas e criar a respetiva relação entre estas;