

Neo4j server:

```
WARNING: This command does not appear to be running with administrative rights. Some commands may fail e.g. Start/Stop
2018-01-26 01:39:08.765+0000 INFO ===== Neo4j 3.3.1 =====
2018-01-26 01:39:08.800+0000 INFO Starting...
2018-01-26 01:39:09.864+0000 INFO Bolt enabled on 127.0.0.1:7687.
2018-01-26 01:39:14.638+0000 INFO Started.
2018-01-26 01:39:15.745+0000 INFO Remote interface available at http://localhost:7474/
```

Query:

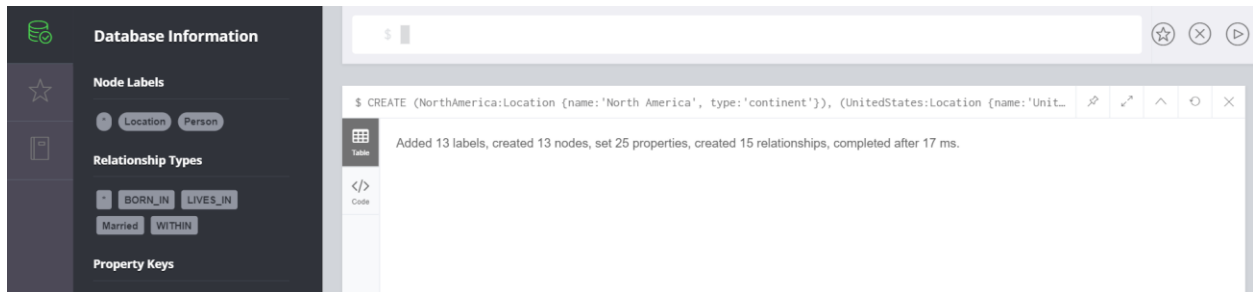
CREATE

```
(NorthAmerica:Location {name:'North America', type:'continent'}),
(UnitedStates:Location {name:'United States', type:'country' }),
(ID:Location {name:'Idaho', type:'state' }),
(Europe:Location {name:'Europe', type:'continent'}),
(UnitedKingdom:Location {name:'United Kingdom', type:'country' }),
(France:Location {name:'France', type:'country' }),
(England:Location {name:'England', type:'country' }),
(Burgdny:Location {name_fr:'Bourgogne', name:'Burgundy', type:'region' }),
(London:Location {name:'London', type:'city' }),
(CotedOr:Location {name:'Cote-dOr', type:'department' }),
(Beaune:Location {name:'Beaune', type:'city' }),
(Lucy:Person {name:'Lucy' }),
(Alain:Person {name:'Alain' }),
```

/* Add relationship */

```
(ID) -[:WITHIN]-> (UnitedStates) -[:WITHIN]-> (NorthAmerica),
(London) -[:WITHIN]-> (England) -[:WITHIN]-> (UnitedKingdom) -[:WITHIN]-> (Europe),
(Beaune) -[:WITHIN]-> (CotedOr) -[:WITHIN]-> (Burgdny) -[:WITHIN]-> (France) -[:WITHIN]-> (Europe),
(Alain) -[:BORN_IN]-> (Beaune),
```

(Lucy) -[:BORN_IN]-> (ID),
(Alain) -[:LIVES_IN]-> (London),
(Lucy) -[:LIVES_IN]-> (London),
(Lucy) -[:Married]-> (Alain),
(Alain) -[:Married]-> (Lucy)



Match Query:

/* Cypher query to find people who emigrated from the US to Europe*/

MATCH

(person) -[:BORN_IN]-> () -[:WITHIN*0..]-> (USA:Location {name:'United States'}),

(person) -[:LIVES_IN]-> () -[:WITHIN*0..]-> (Europe:Location {name:'Europe'})

RETURN person.name

