

Database Information



Node labels

No labels in database



Relationship types

No relationships in database

Property keys

No property keys in database

Database

Version: 3.0.3
Name: default graphdb
Size: 148.47 KiB
Information: sysinfo

\$ CREATE ()

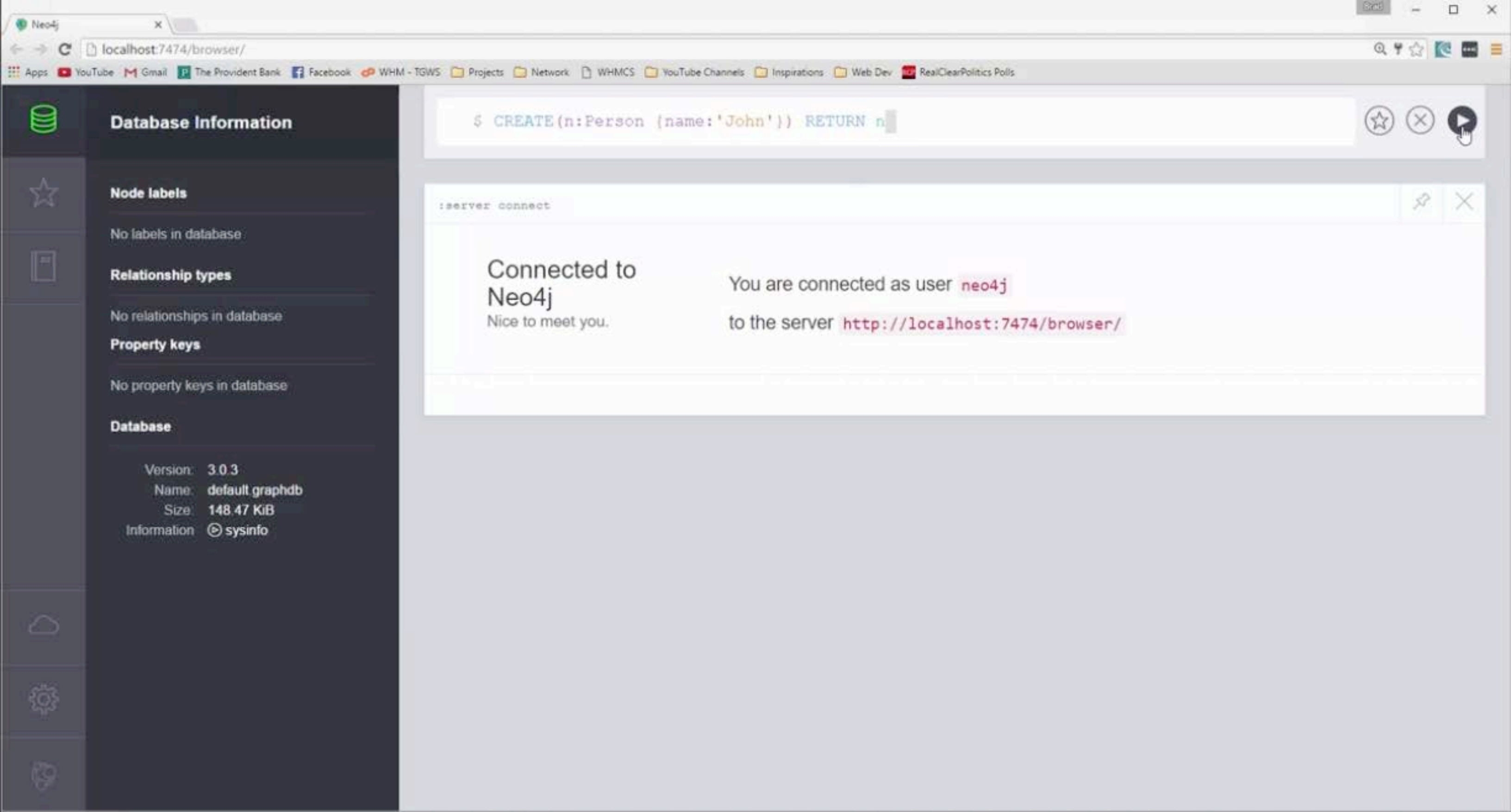


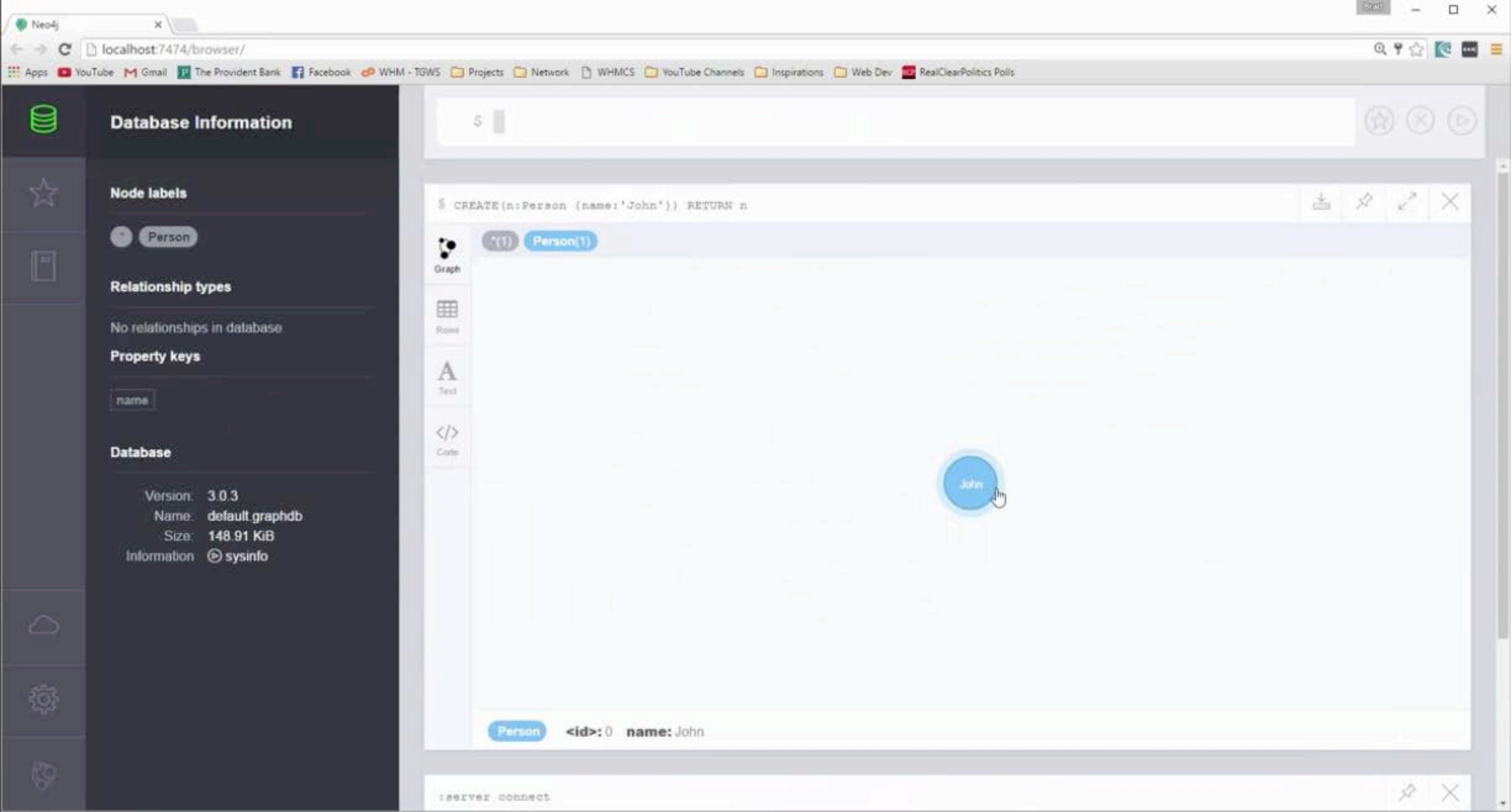
:server connect



Connected to
Neo4j
Nice to meet you.

You are connected as user neo4j
to the server http://localhost:7474/browser/





Database Information



Node labels

Person



Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 148.91 KiB

Information © sysinfo

```
CREATE (n:Person {name:'John'}) RETURN n
```



Person(1)



John

Person <id>: 0 name: John

:server connect

Neo4j

localhost:7474/browser/

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Database Information

Node labels

Relationship types

Property keys

Database

Person

No relationships in database

name

Version: 3.0.3
Name: default.graphdb
Size: 148.91 KiB
Information: sysinfo

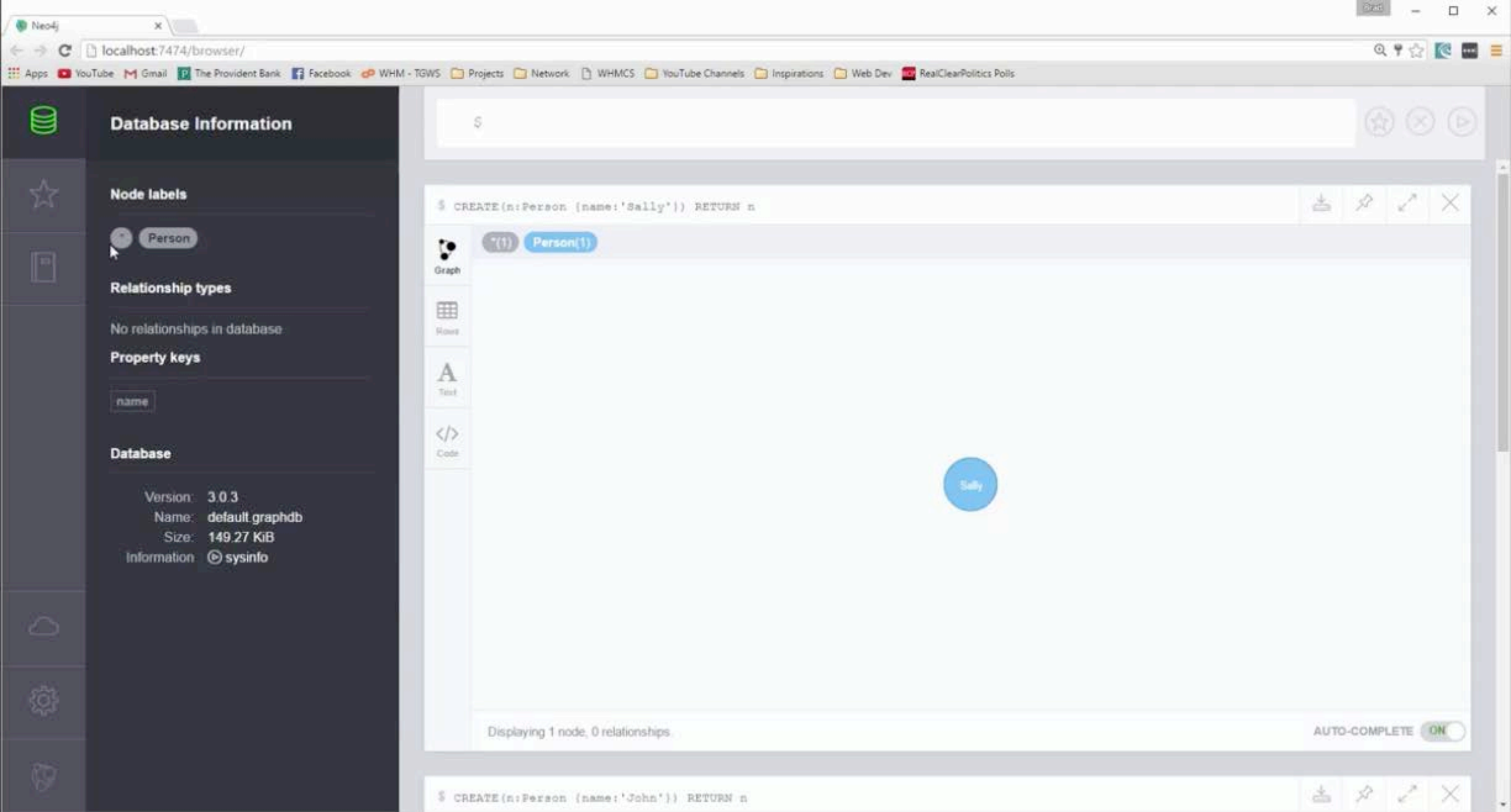
CREATE(n:Person {name:'Sally'}) RETURN n

Graph

Person(1)

John

Person <id>: 0 name: John



Database Information



Node labels



Person

Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 149.27 KiB

Information: sysinfo



*(1)

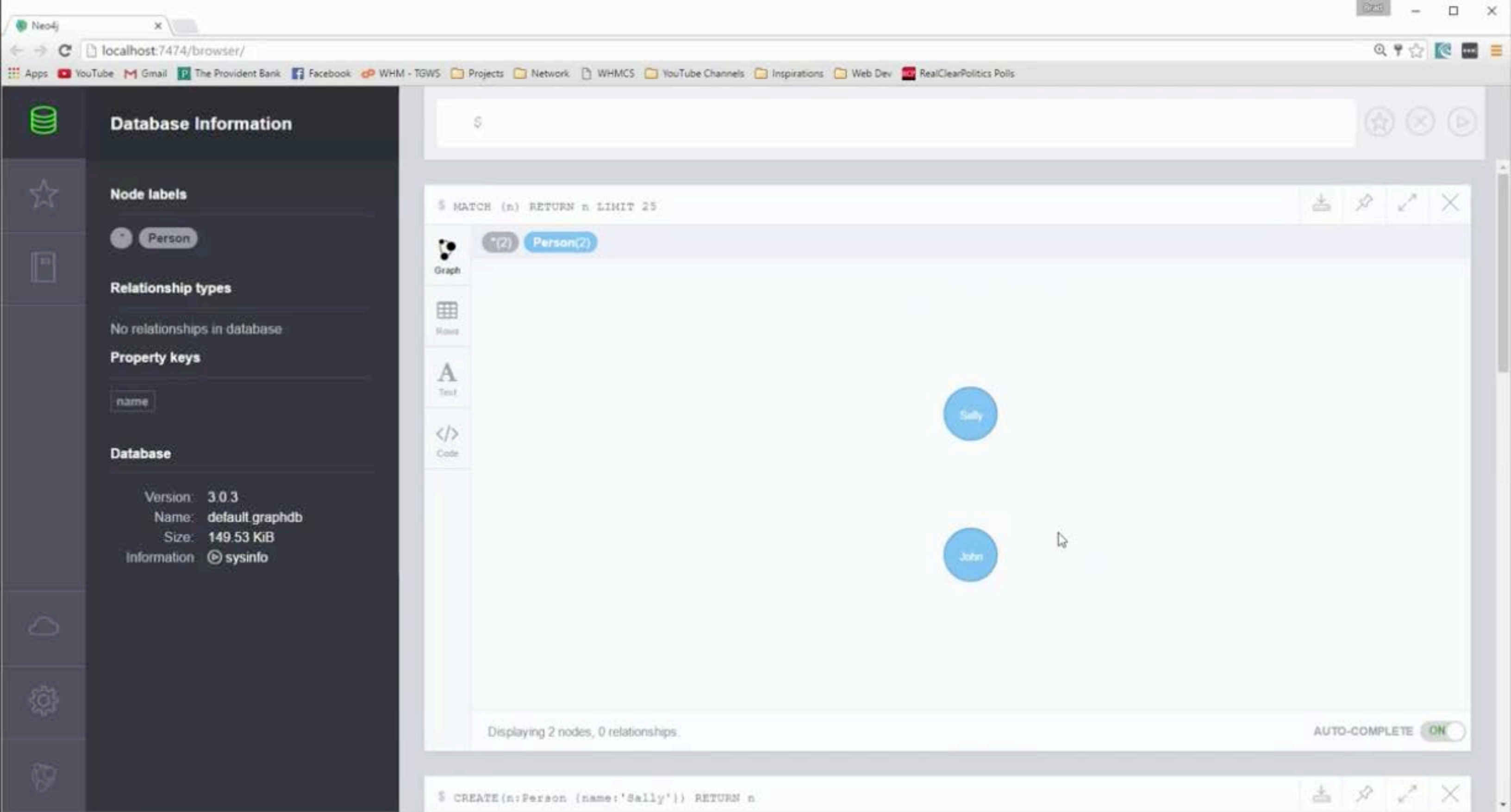
Person(1)

Sally

Displaying 1 node, 0 relationships

AUTO-COMPLETE ON

CREATE(n:Person {name:'John'}) RETURN n



Database Information



Node labels



Person



Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 149.53 KiB

Information: © sysinfo

\$ MATCH (n) RETURN n LIMIT 25



*(2)

Person(2)



Sally

John

Displaying 2 nodes, 0 relationships.

AUTO-COMplete ☒

\$ CREATE(n:Person {name:'Sally'}) RETURN n

Resources available

Database Information

Node labels

Person

Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 150.98 KiB

Information: sysinfo

\$

MATCH (n) RETURN n LIMIT 25

Graph

Nodes

Text

Code

Person(6)

Mike

Steve

Sally

John

Shawn

Liz

Displaying 6 nodes, 0 relationships.

AUTO-COMPLETE ON

\$

CREATE(n:Person {name:'Shawn'}) RETURN n

Neo4j

localhost:7474/browser/

Go to Dashboard

Resources available

Database Information

Node labels

Person

Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 150.98 KiB

Information: © sysinfo

\$

\$ MATCH (n) RETURN n LIMIT 25

Graph

Person(6)

Mike

Steve

Liz

Shawn

John

Sally

Displaying 6 nodes, 0 relationships.

AUTO-COMPLETE ON

\$ CREATE(n:Person {name:'Shawn'}) RETURN n

Neo4j

localhost:7474/browser/

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Database Information

Node labels

Person

Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 150.98 KiB

Information: © sysinfo

\$

\$ MATCH (n) RETURN n LIMIT 25

Graph

Rows

Text

Code

n

name John

name Sally

name Steve

name Mike

name Liz

name Shawn

Returned 6 rows in 10 ms

\$ CREATE(n:Person {name:'Shawn'}) RETURN n

Neo4j

localhost:7474/browser/

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Database Information

Node labels

Person

Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default.graphdb

Size: 150.98 KiB

Information: © sysinfo

\$

\$ MATCH (n) RETURN n LIMIT 25

Graph

Rows

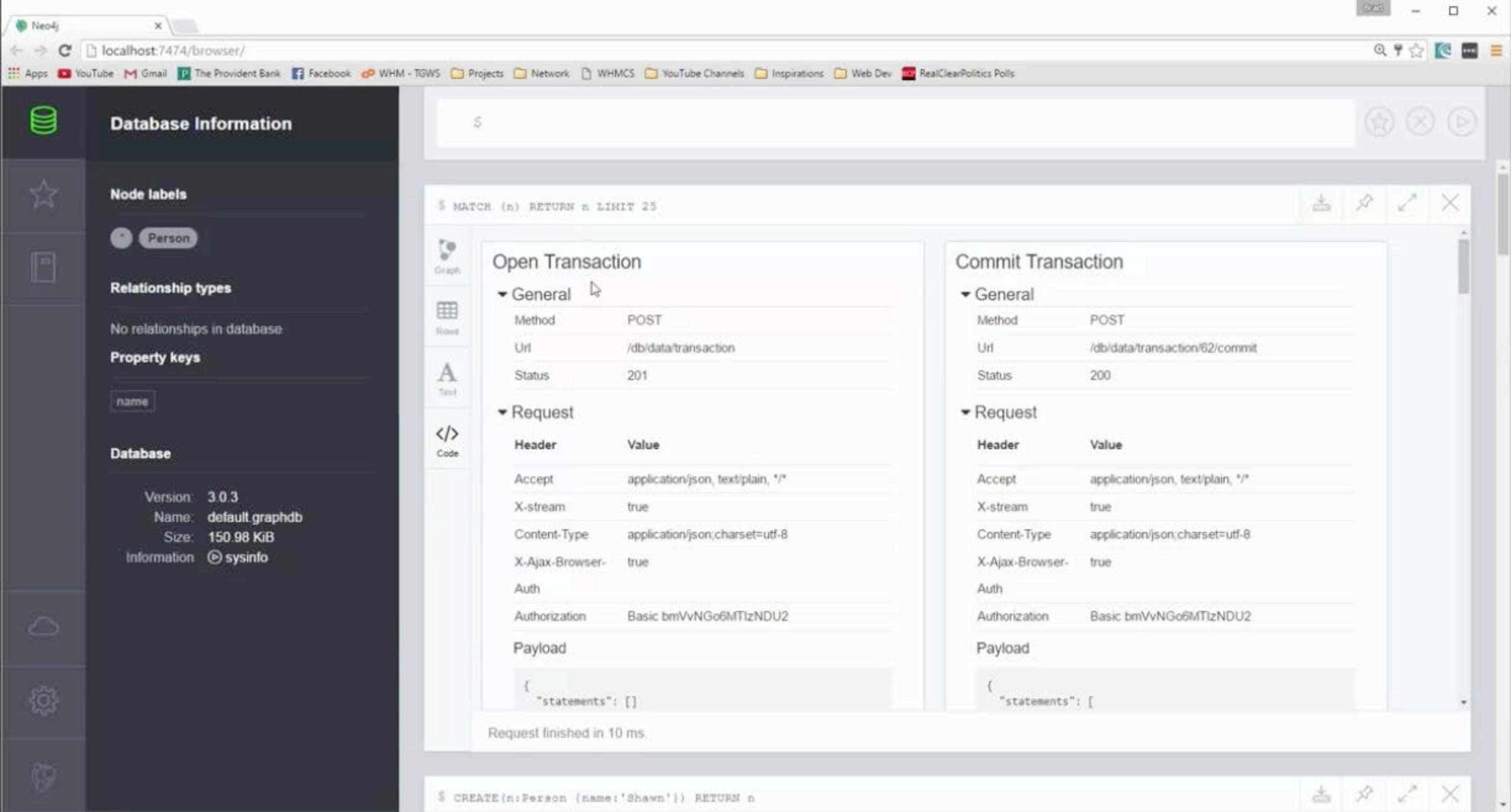
Text

Code

n
{name: John}
{name: Sally}
{name: Steve}
{name: Mike}
{name: Liz}
{name: Shawn}

Returned 6 rows in 10 ms.

\$ CREATE (n:Person {name:'Shawn'}) RETURN n



Database Information



Node labels

Person



Relationship types

No relationships in database

Property keys

name

Database

Version: 3.0.3

Name: default graphdb

Size: 150.98 KiB

Information: © sysinfo

\$

\$ MATCH (n) RETURN n LIMIT 25



Open Transaction

General

Method	POST
Url	/db/data/transaction
Status	201

Request

Header	Value
Accept	application/json, text/plain, /*
X-stream	true
Content-Type	application/json; charset=utf-8
X-Ajax-Browser-	true
Auth	
Authorization	Basic bmVvNGo6MTIzNDU2

Payload

```
{
  "statements": []
}
```

Request finished in 10 ms.

Commit Transaction

General

Method	POST
Url	/db/data/transaction/62/commit
Status	200

Request

Header	Value
Accept	application/json, text/plain, /*
X-stream	true
Content-Type	application/json; charset=utf-8
X-Ajax-Browser-	true
Auth	
Authorization	Basic bmVvNGo6MTIzNDU2

Payload

```
{
  "statements": [

```

\$ CREATE(n:Person {name:'Shawn'}) RETURN n

Section 4: Lecture 14

localhost:7474/browser/

Resources available

Database Information

Node labels

Location

Person

Relationship types

No relationships in database

Property keys

city

name

state

Database

Version: 3.0.3

Name: default.graphdb

Size: 189.00 KiB

Information: sysinfo

\$ CREATE(n:Location (city:'Portland', state:'MA'))

Rows

Added 1 label, created 1 node, set 2 properties, statement executed in 15 ms.

Code

Returned 0 rows.

\$ CREATE(n:Location (city:'Boston', state:'MA'))

Rows

Added 1 label, created 1 node, set 2 properties, statement executed in 22 ms.

Code

Neo4j

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Database Information

Node labels

Location

Person

Relationship types

No relationships in database

Property keys

citynamestate

Database

Version: 3.0.3

Name: default.graphdb

Size: 189.46 KiB

Information © sysinfo

\$

\$ MATCH (n) RETURN n LIMIT 25

Graph

Rows

Text

Code

*(11)

Location(5)

Person(6)

Location

Person

Portland

San Francisco

Lynn

Miami

Dallas

John

Sally

Steve

Mike

Displaying 11 nodes, 0 relationships.

AUTO-COMPLETE

ON

\$ CREATE(n:Location {city:'San Francisco', state:'CA'})

Graph

Rows

Text

Code

Neo4j

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Database Information

Node labels

Relationship types

Property keys

Database

LocationPerson

No relationships in database

citynamestate

Version: 3.0.3
Name: default.graphdb
Size: 189.65 KiB
Information: sysinfo

\$ MATCH (n) WHERE n.name='Mike'

\$ MATCH (n(name:'Mike')) RETURN n

Graph

Table

Text

Code

*(1) Person(1)

Displaying 1 node, 0 relationships

AUTO-COMPLETE ☒

\$ MATCH (n:Person) RETURN n

Neo4j

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Database Information

Node labels

Location

Person

Relationship types

No relationships in database

Property keys

citynamestate

Database

Version: 3.0.3

Name: default.graphdb

Size: 189.65 KiB

Information © sysinfo

\$

\$ MATCH(n{name:'Mike'}) RETURN n

Graph

Person(1)

Flow

Text

Code

Displaying 1 node, 0 relationships

AUTO-COMPLETE ON

\$ MATCH(n:Person) RETURN n

Graph

Flow

Text

Code

Neat

Section 4, Lecture 14

localhost:7474/browser/

Go to Dashboard

Apps

YouTube

Gmail

The Provident Bank

Facebook

WHM - TGWS

Projects

Network

WHMCS

YouTube Channels

Inspirations

Web Dev

RealClearPolitics Polls

Resources available

Database Information

Node labels

Location

Person

Relationship types

No relationships in database

Property keys

city

name

state

Database

Version: 3.0.3

Name: default.graphdb

Size: 191.92 KiB

Information: sysinfo

\$

\$ MATCH(n) WHERE n.name='Mike' OR n.name='John' RETURN n

Graph

Person(2)

Mike

John

Displaying 2 nodes, 0 relationships.

AUTO-COMPLETE ON

\$ MATCH(n) WHERE n.name='Mike' RETURN n

Neo4j

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Database Information

Node labels

LocationPerson

Relationship types

No relationships in database

Property keys

citynamestate

Database

Version: 3.0.3

Name: default_graphdb

Size: 191.92 KiB

Information sysinfo

\$ MATCH (n:Person) WHERE n.name='Mike' OR n.name='John' RETURN n.name

☆ⓧ▶

\$ MATCH (n:Person) WHERE n.name='Mike' OR n.name='John' RETURN n

📄📌↗️ⓧ

Graph

Person(2)

Mike

John

Rows

Text

Code

Displaying 2 nodes, 0 relationships.

AUTO-COMPLETE ☒

\$ MATCH (n) RETURN n LIMIT 25

📄📌↗️ⓧ

Neo4j

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Database Information

Node labels

LocationPerson

Relationship types

No relationships in database

Property keys

citynamestate

Database

Version:3.0.3

Name:default_graphdb

Size:191.92 KiB

Information© sysinfo

\$

\$ MATCH (n:Person) WHERE n.name='Mike' OR n.name='John' RETURN n.name

Rows

n.name

John

Mike

Text

Code

Returned 2 rows in 27 ms.

\$ MATCH (n:Person) WHERE n.name='Mike' OR n.name='John' RETURN n

Graph

* (2) Person (2)

Rows

Text

Code

Mike