

neo4j\$

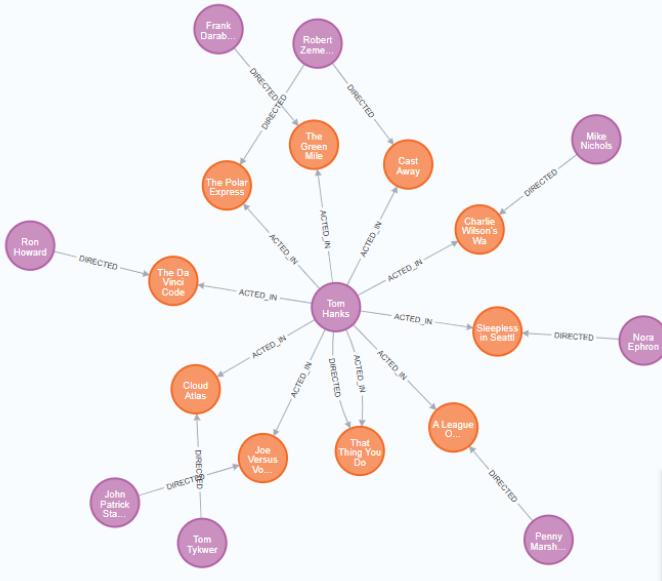
neo4j\$ CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'W...

Graph

Table

Text

Code



Overview

Node labels

* (19)

Person (9)

Movie (10)

Relationship types

* (20)

ACTED_IN (10)

DIRECTED (10)

Displaying 19 nodes, 0 relationships.

neo4j\$ MATCH (n) RETURN n

Table

(no changes, no records)

neo4j\$

neo4j\$ CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'W...

Graph

Table

Text

Code

a

m

d

1

```
{
  "identity": 70,
  "labels": [
    "Person"
  ],
  "properties": {
    "born": 1956,
    "name": "Tom
Hanks"
  },
  "elementId":
"4:69904f41-25a2-
4790-814c-
9f229d76a1dc:70"
}
```

```
{
  "identity": 84,
  "labels": [
    "Movie"
  ],
  "properties": {
    "tagline": "In every life
there comes a time when that
thing you dream becomes that
thing you do",
    "title": "That Thing You
Do",
    "released": 1996
  },
  "elementId": "4:69904f41-
25a2-4790-814c-9f229d76a1dc:84"
}
```

```
{
  "identity": 70,
  "labels": [
    "Person"
  ],
  "properties": {
    "born": 1956,
    "name": "Tom
Hanks"
  },
  "elementId":
"4:69904f41-25a2-4790-
814c-9f229d76a1dc:70"
}
```

Added 171 labels, created 171 nodes, set 564 properties, created 253 relationships, started streaming 10 records after 4511 ms and completed after 5209 ms.

neo4j\$ MATCH (n) RETURN n

Graph

Table

Text

Code

neo4j\$

neo4j\$ MATCH (tom:Person) WHERE tom.name = "Tom Hanks" RETURN tom

Graph

Table

Text

Code

Tom Hanks

Overview

Node labels

^ (1)

Person (1)

Displaying 1 nodes, 0 relationships.

neo4j\$ CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'W...

a m d

neo4j\$

neo4j\$ MATCH (tom:Person) WHERE tom.name = "Tom Hanks" RETURN tom

Graph

Table

Text

Code

tom

1

```
{
  "identity": 70,
  "labels": [
    "Person"
  ],
  "properties": {
    "born": 1956,
    "name": "Tom Hanks"
  },
  "elementId": "4:69904f41-25a2-4790-814c-9f229d76a1dc:70"
}
```

Started streaming 1 records after 71 ms and completed after 76 ms.

neo4j\$ CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'W...

Graph

Table

	a	m	d
1	{ "identity": 70,	{ "identity": 84,	{ "identity": 70,

neo4j\$

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"}) RETURN cloudAtlas

Graph

Table

Text

Code

Cloud Atlas

Overview

Node labels

* (1)

Movie (1)

Displaying 1 nodes, 0 relationships.

neo4j\$ MATCH (tom:Person) WHERE tom.name = "Tom Hanks" RETURN tom

tom

neo4j\$

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"}) RETURN cloudAtlas

Graph

Table

Text

Code

cloudAtlas

1

```
{
  "identity": 104,
  "labels": [
    "Movie"
  ],
  "properties": {
    "tagline": "Everything is connected",
    "title": "Cloud Atlas",
    "released": 2012
  },
  "elementId": "4:69904f41-25a2-4790-814c-9f229d76a1dc:104"
}
```

Started streaming 1 records after 10 ms and completed after 12 ms.

neo4j\$ MATCH (tom:Person) WHERE tom.name = "Tom Hanks" RETURN tom

Graph

Table

tom

1

```
{
```

neo4j\$

neo4j\$ MATCH (people:Person) RETURN people.name LIMIT 10

Table

Text

Code

	people.name
1	"Keanu Reeves"
2	"Carrie-Anne Moss"
3	"Laurence Fishburne"
4	"Hugo Weaving"
5	"Lilly Wachowski"
6	"Lana Wachowski"
7	

Started streaming 10 records after 10 ms and completed after 15 ms.

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"}) RETURN cloudAtlas

neo4j\$

neo4j\$ MATCH (nineties:Movie) WHERE nineties.released > 1990 AND nineties.rel...

Table

nineties.title

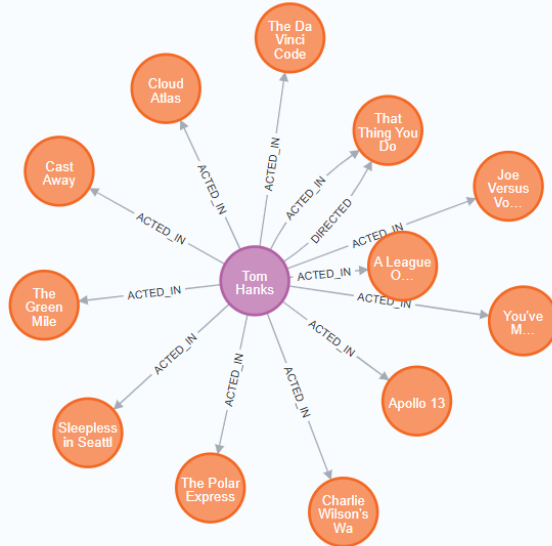
1	"A Few Good Men"
2	"Unforgiven"
3	"Hoffa"
4	"A League of Their Own"
5	"Sleepless in Seattle"
6	"Johnny Mnemonic"
7	

Started streaming 19 records after 19 ms and completed after 22 ms.

neo4j\$ MATCH (people:Person) RETURN people.name LIMIT 10

neo4j\$

neo4j\$ MATCH (tom:Person {name: "Tom Hanks"})-[:ACTED_IN]→(tomHanksMovies) R...



Overview

Node labels

* (13) Person (1) Movie (12)

Relationship types

* (13) ACTED_IN (12) DIRECTED (1)

Displaying 13 nodes, 0 relationships.

neo4j\$ MATCH (nineties:Movie) WHERE nineties.released > 1990 AND nineties.rel...



nineties.title

neo4j\$

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"})←[:DIRECTED]-(director...

directors.name

1	"Tom Tykwer"
2	"Lana Wachowski"
3	"Lilly Wachowski"

Started streaming 3 records after 10 ms and completed after 12 ms.

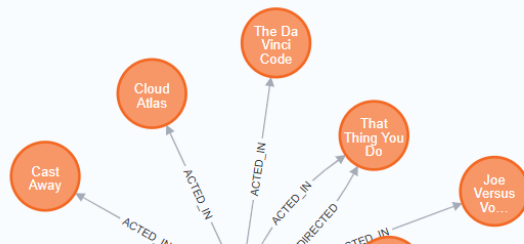
neo4j\$ MATCH (tom:Person {name: "Tom Hanks"})-[:ACTED_IN]→(tomHanksMovies) R...

Graph

Table

Text

Code



Overview

Node labels

* (13) Person (1) Movie (12)

Relationship types

* (13) ACTED_IN (12) DIRECTED (1)

neo4j\$

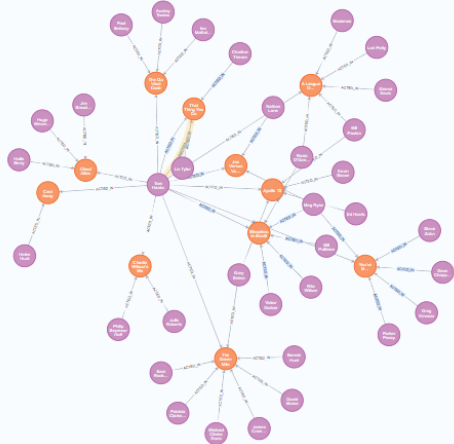
neo4j\$ MATCH (tom:Person {name:"Tom Hanks"})-[:ACTED_IN]->(m)←[:ACTED_IN]-(c...

Graph

Table

Text

Code



Relationship properties

DIRECTED

<elementId 5:69904f41-25a2-4790-814c-9f229d76a1dc:113>

<id> 113

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"})←[:DIRECTED]-(director...

Table

directors.name

neo4j\$

neo4j\$ MATCH (tom:Person {name:"Tom Hanks"})-[:ACTED_IN]→(m)←[:ACTED_IN]-(c...



tom

m

coActors

```
{
  "identity": 70,
  "labels": [
    "Person"
  ],
  "properties": {
    "born": 1956,
    "name": "Tom
Hanks"
  },
  "elementId":
"4:69904f41-25a2-
4790-814c-
9f229d76a1dc:70"
}
```

```
{
  "identity": 143,
  "labels": [
    "Movie"
  ],
  "properties": {
    "tagline": "Houston, we
have a problem.",
    "title": "Apollo 13",
    "released": 1995
  },
  "elementId": "4:69904f41-
25a2-4790-814c-
9f229d76a1dc:143"
}
```

```
{
  "identity": 144,
  "labels": [
    "Person"
  ],
  "properties": {
    "born": 1950,
    "name": "Ed
Harris"
  },
  "elementId":
"4:69904f41-25a2-4790-
814c-9f229d76a1dc:144"
}
```

Started streaming 39 records after 13 ms and completed after 22 ms.

neo4j\$ MATCH (cloudAtlas:Movie {title: "Cloud Atlas"})←[:DIRECTED]-(director...

neo4j\$

neo4j\$ MATCH (people:Person)-[relatedTo]-(:Movie {title: "Cloud Atlas"}) RETU...

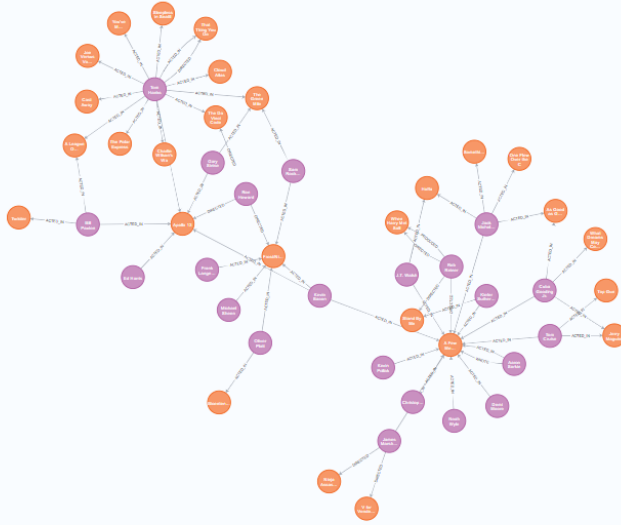
	people.name	type(relatedTo)	relatedTo
1	"Tom Hanks"	"ACTED_IN"	<pre>{ "identity": 137, "start": 70, "end": 104, "type": "ACTED_IN", "properties": { "roles": ["Zachry", "Dr. Henry Goose", "Isaac Sachs", "Dermot Hoggins"] }, "elementId": "5:69904f41-25a2-4790-814c-9f229d76a1dc:137", "startNodeElementId": "4:69904f41-25a2-4790-814c-</pre>

Started streaming 10 records after 172 ms and completed after 174 ms.

neo4j\$ MATCH (tom:Person {name:"Tom Hanks"})-[:ACTED_IN]→(m)←[:ACTED_IN]-(c...

neo4j\$

neo4j\$ MATCH (bacon:Person {name:"Kevin Bacon"})-[*1..3]-(hollywood) RETURN D...



Overview

Node labels

* (49) Person (22) Movie (27)

Relationship types

* (60) ACTED_IN (49) DIRECTED (9)
WROTE (1) PRODUCED (1)

Displaying 49 nodes, 0 relationships.

neo4j\$ MATCH (people:Person)-[relatedTo]-(:Movie {title: "Cloud Atlas"}) RETU...



people.name	type(relatedTo)	relatedTo
-------------	-----------------	-----------

neo4j\$

neo4j\$ MATCH (bacon:Person {name:"Kevin Bacon"})-[*1..3]-(hollywood) RETURN D...

Graph

Table

Text

Code

	bacon	hollywood
1	<pre>{ "identity": 18, "labels": ["Person"], "properties": { "born": 1958, "name": "Kevin Bacon" }, "elementId": "4:69904f41-25a2-4790-814c-9f229d76a1dc:18" }</pre>	<pre>{ "identity": 143, "labels": ["Movie"], "properties": { "tagline": "Houston, we have a problem.", "title": "Apollo 13", "released": 1995 }, "elementId": "4:69904f41-25a2-4790-814c-9f229d76a1dc:143" }</pre>
2	<pre>{ "identity": 18,</pre>	<pre>{ "identity": 136,</pre>

Started streaming 48 records after 12 ms and completed after 27 ms.

neo4j\$ MATCH (people:Person)-[relatedTo]-(:Movie {title: "Cloud Atlas"}) RETU...

neo4j\$

neo4j\$ MATCH p=shortestPath((bacon:Person {name:"Kevin Bacon"})-[*]-(meg:Per...

Graph

Table

Text

Warn

Code

```
graph LR; KB((Kevin Bacon)) -- ACTED_IN --> TG((Top Gun)); TG -- ACTED_IN --> AFM((A Few Me...)); AFM -- ACTED_IN --> MR((Meg Ryan));
```

Overview

Node labels

Relationship types

Displaying 5 nodes, 4 relationships.

neo4j\$ MATCH (bacon:Person {name:"Kevin Bacon"})-[*1..3]-(hollywood) RETURN D...

Overview

neo4j\$

neo4j\$ MATCH (n) DETACH DELETE n

Table

Code

Deleted 171 nodes, deleted 253 relationships, completed after 22 ms.

Deleted 171 nodes, deleted 253 relationships, completed after 22 ms.

neo4j\$

neo4j\$ MATCH (n) RETURN count(*)

count(*)

1	0
---	---

Table

Text

Code

Started streaming 1 records after 7 ms and completed after 7 ms.

Redis Cache Service:

cache-M30JPVD8 - Browser

Window View Help

Redis logo

Databases > cache-M30JPVD8

0 2 MB 5 3 Cloud sign in

Filter by Key Name or Pattern

Bulk Actions

+ Key

Total: 5

Last refresh: < 1 min

STRING	Age	No limit	48 B
STRING	Degree	No limit	64 B
STRING	Name	No limit	64 B
STRING	DegYear	No limit	72 B
STRING	Course	No limit	64 B

Clear Results

Get Course	14:42:19 2 Nov 2024	43.06 msec	    	
"MIS 515"				
Get DegYear	14:41:12 2 Nov 2024	43.339 msec	    	
"Fall 2024"				
Get Degree	14:41:03 2 Nov 2024	44.105 msec	    	
"Masters"				
Get Age	14:40:58 2 Nov 2024	42.925 msec	  	
Get Name	14:40:48 2 Nov 2024	49.911 msec	    	
"Mani sha"				