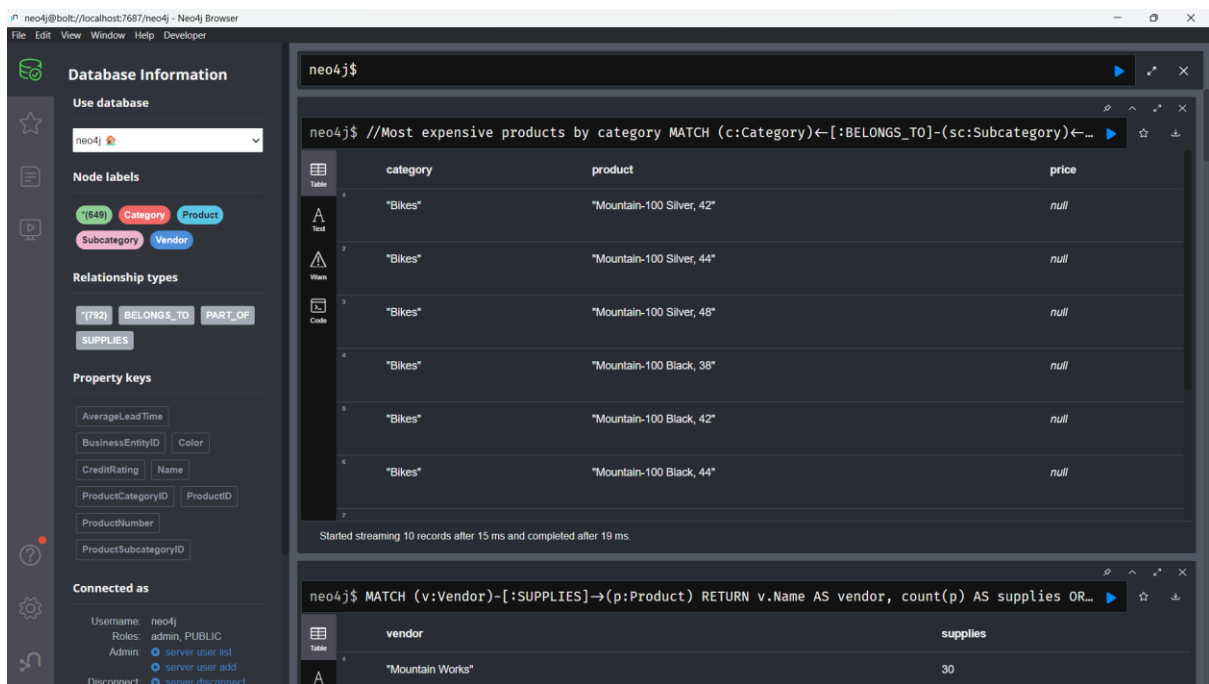
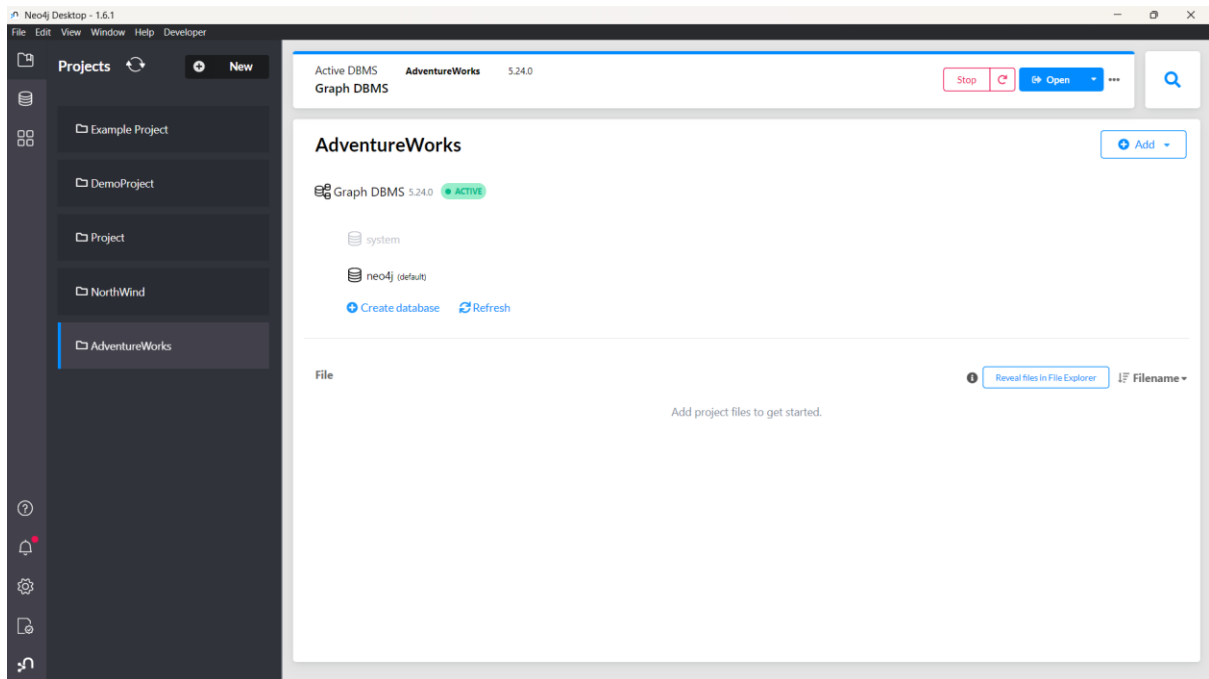


Neo4j | CQL



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File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

(649) Category Product
Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF
SUPPLIES

Property keys

AverageLeadTime
BusinessEntityID Color
CreditRating Name
ProductCategoryID ProductID
ProductNumber
ProductSubcategoryID

Connected as

Username: neo4j
Roles: admin, PUBLIC
Admin: server user list
server user add
Disconnect: server disconnect

neo4j\$

neo4j\$ //Average lead time per vendor MATCH (v:Vendor)-[s:SUPPLIES]->() RETURN v.Name AS vendor, ...

	vendor	avgLeadDays
1	"Fitness Association"	55.0
2	"Green Lake Bike Company"	45.0
3	"International Trek Center"	40.714285714285715
4	"Integrated Sport Products"	40.5
5	"G & K Bicycle Corp."	35.0

Started streaming 5 records after 10 ms and completed after 19 ms.

neo4j\$ //Most expensive products by category MATCH (c:Category)←[:BELONGS_TO]-(sc:Subcategory)←...

	category	product	price
1	"Bikes"	"Mountain-100 Silver, 42"	null
2	"Bikes"	"Mountain-100 Silver, 44"	null

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Database Information

Use database

neo4j

Node labels

(649) Category Product
Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF
SUPPLIES

Property keys

AverageLeadTime
BusinessEntityID Color
CreditRating Name
ProductCategoryID ProductID
ProductNumber
ProductSubcategoryID

Connected as

Username: neo4j
Roles: admin, PUBLIC
Admin: server user list
server user add
Disconnect: server disconnect

neo4j\$

neo4j\$ //Products without any supplier MATCH (p:Product) WHERE NOT (()-[:SUPPLIES]->(p)) RETURN...

	unsupplied	cnt
1	"BB Ball Bearing"	1
2	"Blade"	1
3	"Chain Stays"	1
4	"Down Tube"	1
5	"Mountain End Caps"	1
6	"Road End Caps"	1
7		

Started streaming 239 records after 25 ms and completed after 37 ms.

neo4j\$ //Average lead time per vendor MATCH (v:Vendor)-[s:SUPPLIES]->() RETURN v.Name AS vendor, ...

	vendor	avgLeadDays
1	"Fitness Association"	55.0

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File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

(649) Category Product Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF SUPPLIES

Property keys

BusinessEntityID Name ProductCategoryID ProductID ProductSubcategoryID

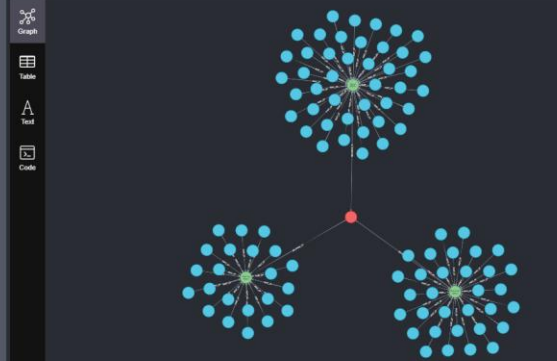
Connected as

Username: neo4j Roles: admin, PUBLIC Admin: server user list server user add Disconnect: server disconnect

DBMS

Cluster role: primary Version: 5.24.0

```
neo4j$ MATCH (c:Category {Name: 'Bikes'})<-[BELONGS_TO]-(:sc:Subcategory)<-[PART_OF]-(p:Product)...
```



Overview

Node labels

(101) Category (1) Subcategory (3) Product (97)

Relationship types

(100) BELONGS_TO (3) PART_OF (97)

Displaying 101 nodes, 0 relationships.

```
neo4j$ MATCH (v:Vendor)-[:SUPPLIES]->(p:Product {Name: "Mountain-100 Silver, 44"}) RETURN v.Name ...
```

(no changes, no records)

neo4j@bolt://localhost:7687/neo4j - Neo4j Browser

File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

(649) Category Product Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF SUPPLIES

Property keys

BusinessEntityID Name ProductCategoryID ProductID ProductSubcategoryID

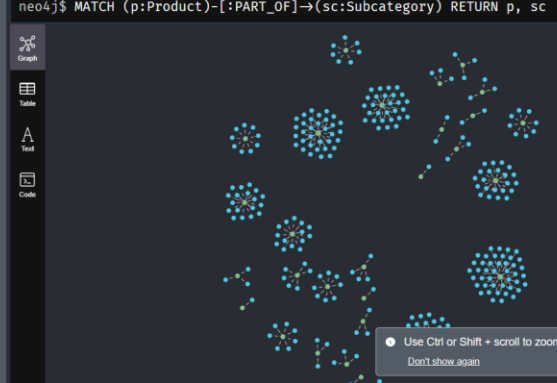
Connected as

Username: neo4j Roles: admin, PUBLIC Admin: server user list server user add Disconnect: server disconnect

DBMS

Cluster role: primary Version: 5.24.0

```
neo4j$ MATCH (p:Product)-[:PART_OF]->(:sc:Subcategory) RETURN p, sc
```



Overview

Node labels

Product (272) Subcategory (25)

Relationship types

(271) PART_OF (271)

⚠ Not all return nodes are being displayed due to Initial Node Display setting. Only first 300 nodes are displayed.

Use Ctrl or Shift + scroll to zoom
Don't show again

```
neo4j$ MATCH (c:Category {Name: 'Bikes'})<-[BELONGS_TO]-(:sc:Subcategory)<-[PART_OF]-(p:Product)...
```

Overview

Node labels

(101) Category (1) Subcategory (3) Product (97)

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File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

(649) Category Product

Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF SUPPLIES

Property keys

BusinessEntityID Name

ProductCategoryID ProductID

ProductSubcategoryID

Connected as

Username: neo4j

Roles: admin, PUBLIC

Admin: server user list, server user add

Disconnect: server disconnect

DBMS

Cluster role: primary

Version: 5.24.0

neo4j\$

neo4j\$ MATCH (sc:Subcategory {Name: "Mountain Bikes"})<-[PART_OF]-(p:Product) RETURN sc, p

Overview

Node labels

(33) Subcategory (1) Product (32)

Relationship types

(32) PART_OF (32)

Displaying 33 nodes, 0 relationships.

neo4j\$ MATCH (p:Product)-[:PART_OF]-(sc:Subcategory) RETURN p, sc

Overview

Node labels

Product (272) Subcategory (28)

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File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

(649) Category Product

Subcategory Vendor

Relationship types

(792) BELONGS_TO PART_OF SUPPLIES

Property keys

BusinessEntityID Name

ProductCategoryID ProductID

ProductSubcategoryID

Connected as

Username: neo4j

Roles: admin, PUBLIC

Admin: server user list, server user add

Disconnect: server disconnect

DBMS

Cluster role: primary

Version: 5.24.0

neo4j\$

neo4j\$ MATCH p=(*)->(*) RETURN p LIMIT 25

Overview

Node labels

(28) Subcategory (25) Category (1)

Relationship types

(29) BELONGS_TO (25)

Displaying 28 nodes, 25 relationships.

neo4j\$ MATCH (n) RETURN n LIMIT 25

Overview

Node labels

(28) Category (4) Subcategory (21)