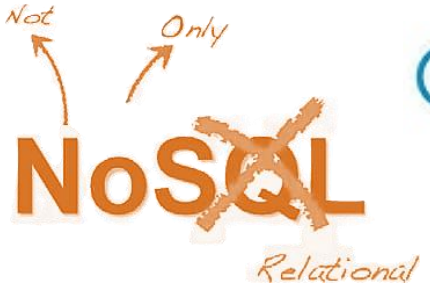


Graph Database

Dr. SOHAIL IMRAN

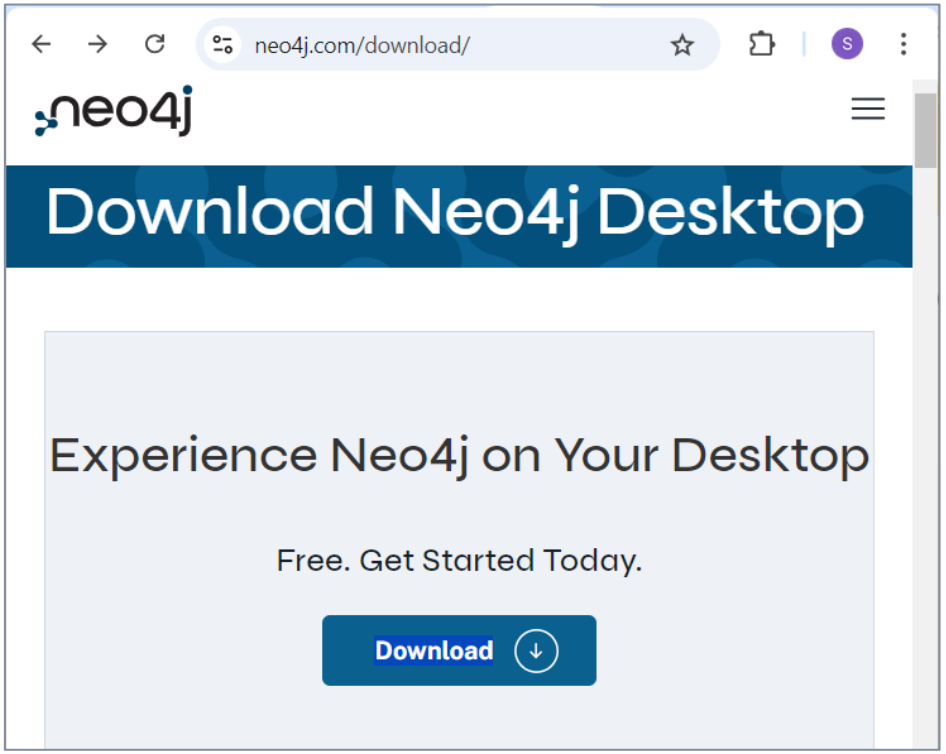
Desktop

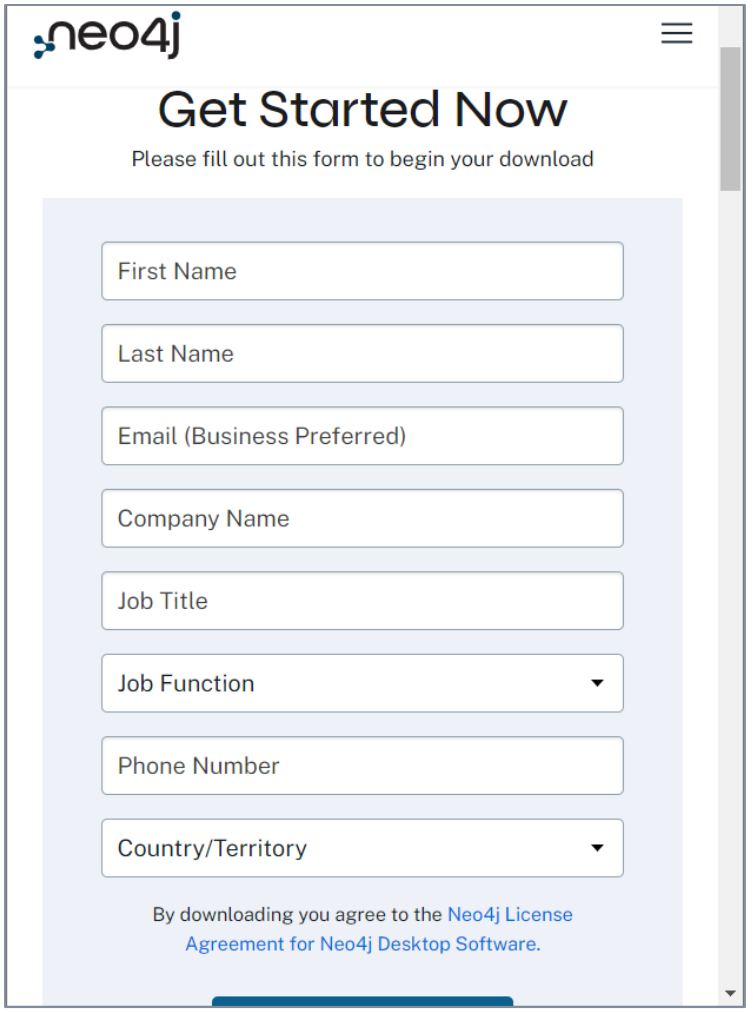
sohailimran2@yahoo.com

Ref: Web

download

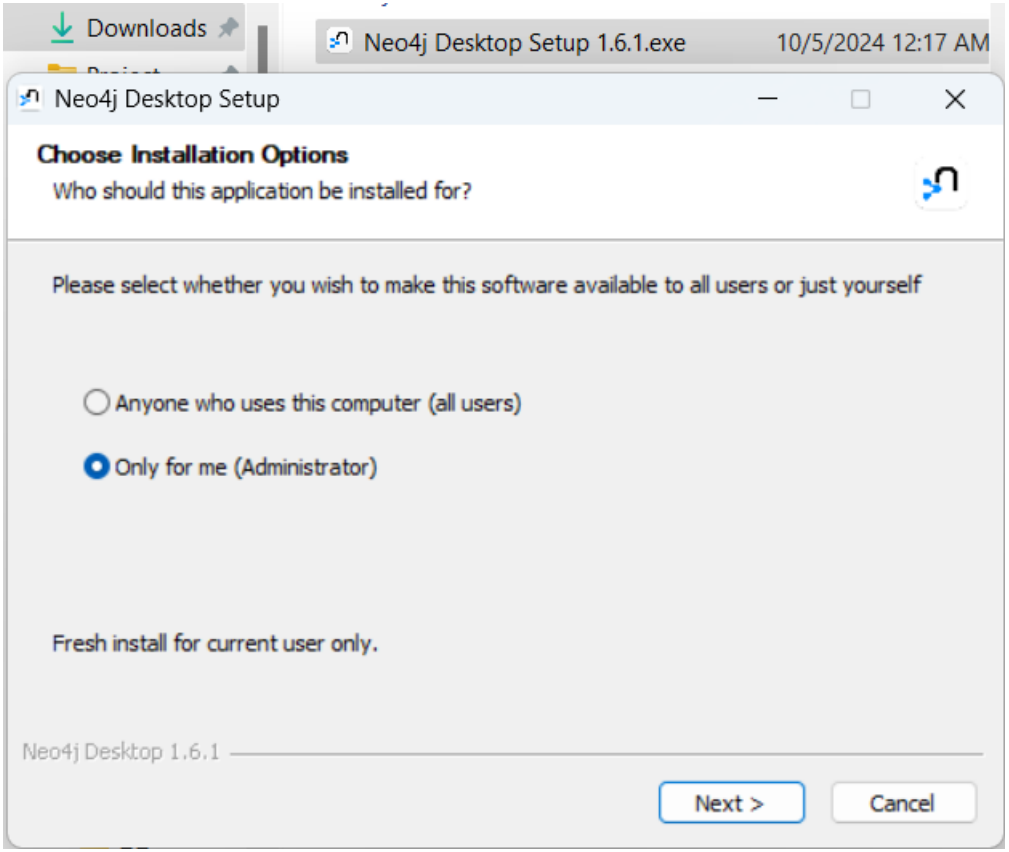
https://neo4j.com/download/

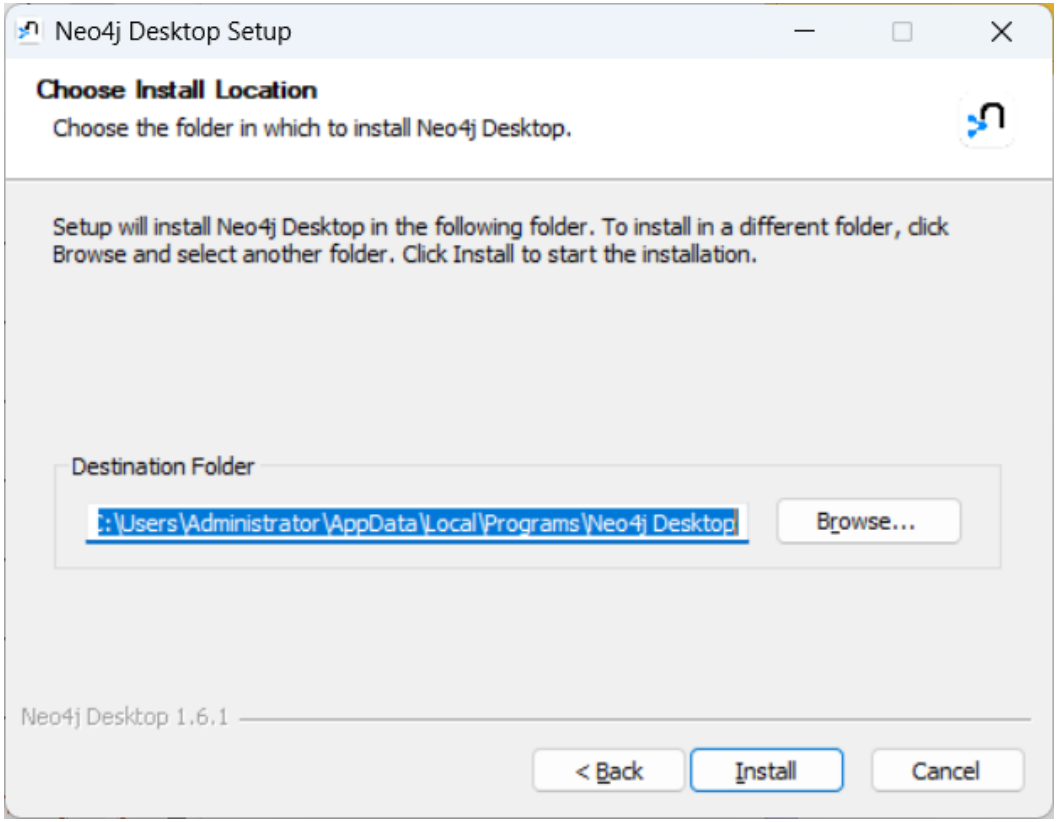




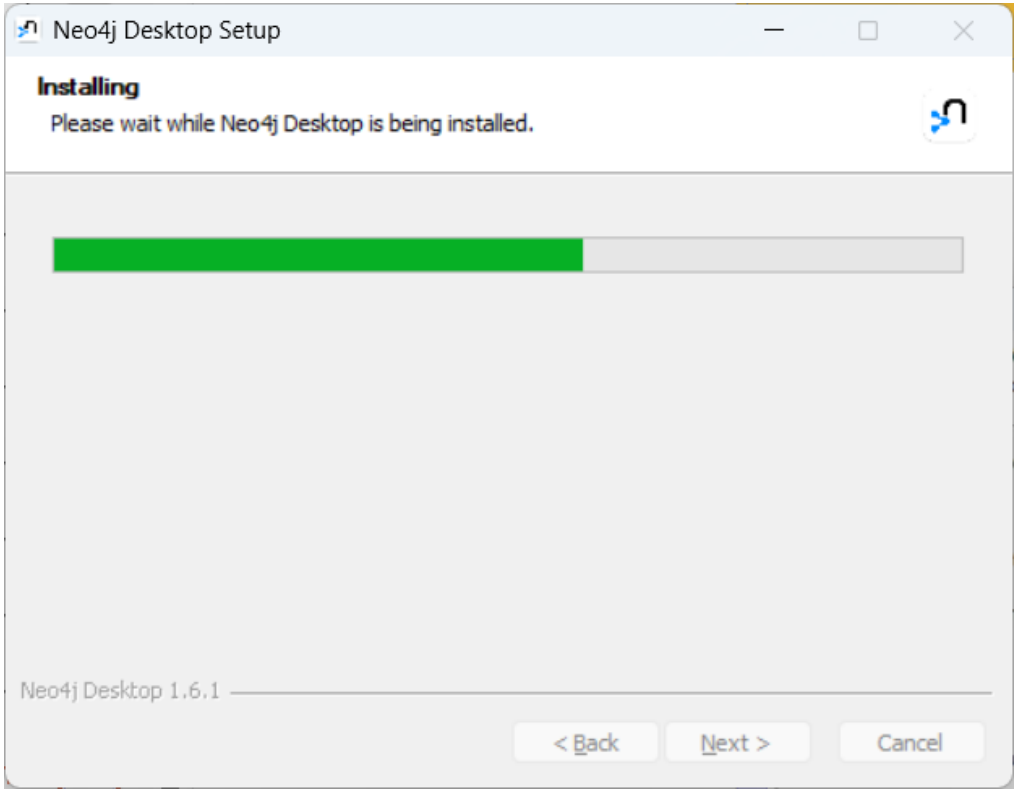
download and install

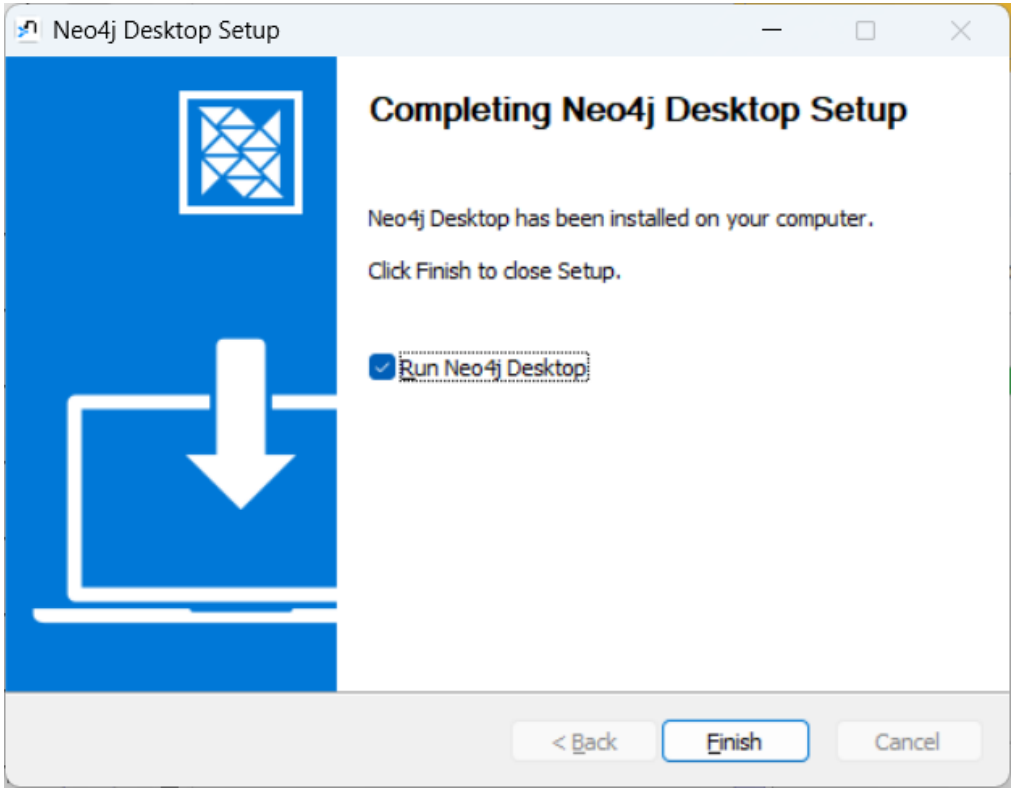
https://dist.neo4j.org/neo4j-desktop-2/win/neo4j-desktop-2.0.3-x64.exe



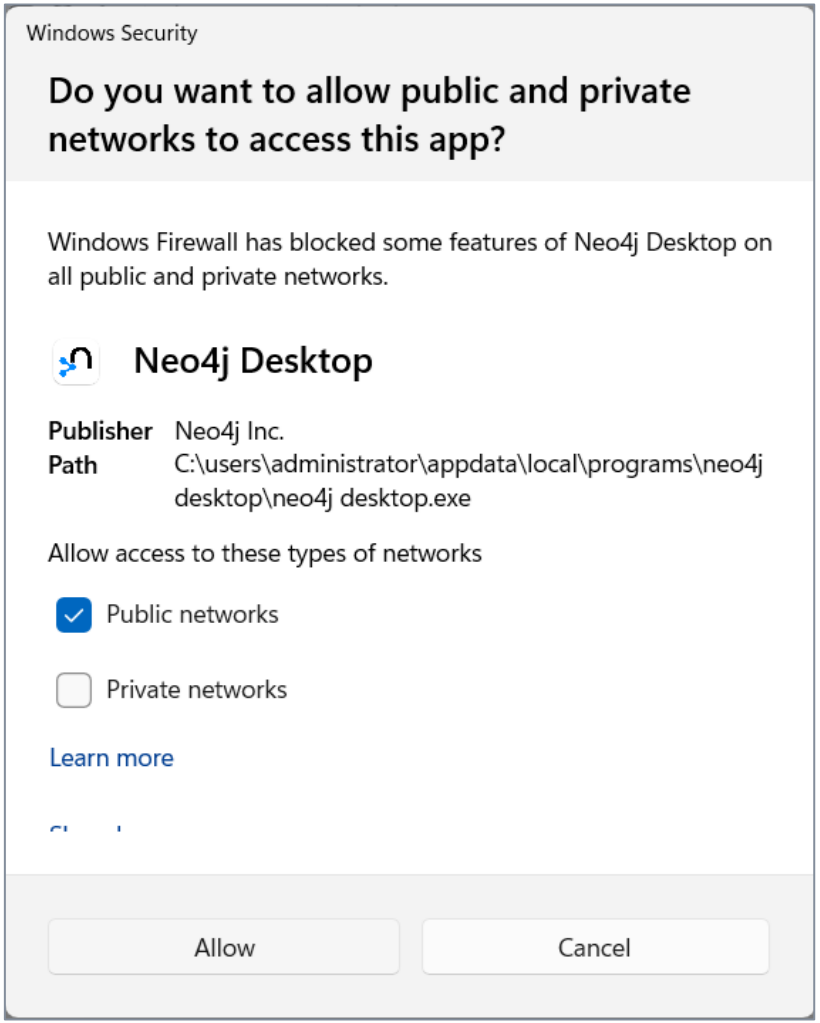


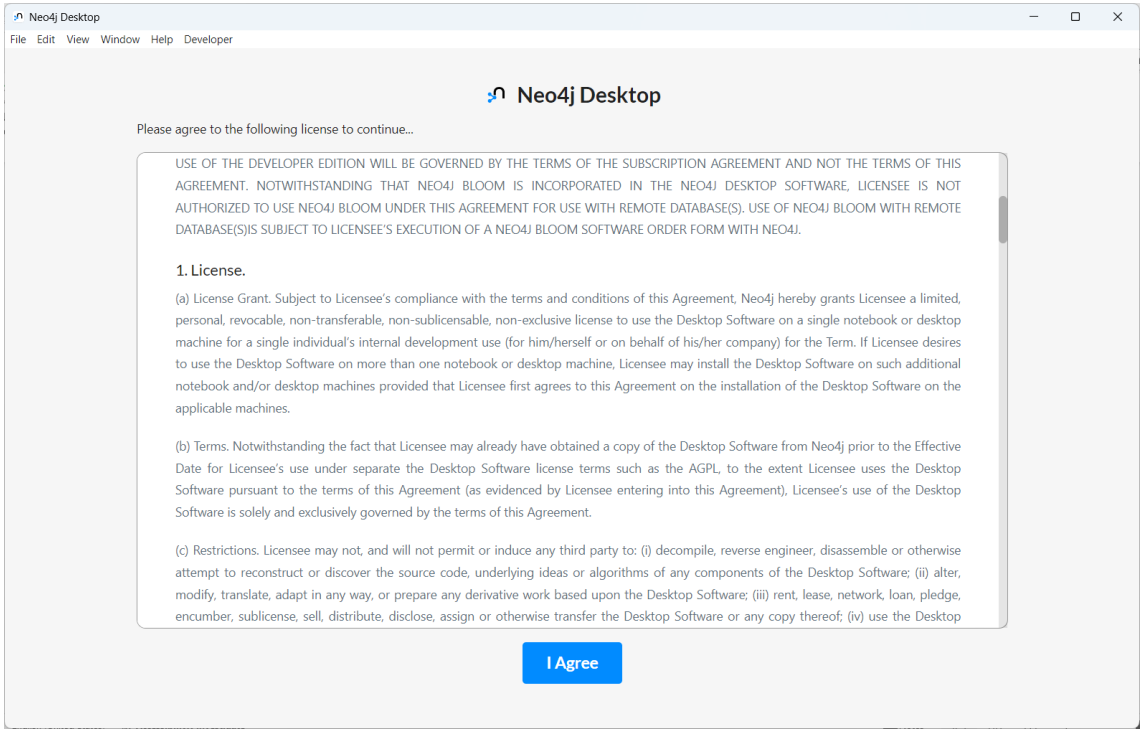
run


Neo4j Desktop Setup
Installing
Please wait while Neo4j Desktop is being installed.
Neo4j Desktop 1.6.1
< Back
Next >
Cancel


Neo4j Desktop Setup
Completing Neo4j Desktop Setup
Neo4j Desktop has been installed on your computer.
Click Finish to close Setup.
Run Neo4j Desktop
< Back
Finish
Cancel

allow


Windows Security
Do you want to allow public and private networks to access this app?
Windows Firewall has blocked some features of Neo4j Desktop on all public and private networks.
Neo4j Desktop
Publisher Neo4j Inc.
Path C:\users\administrator\appdata\local\programs\neo4j desktop\neo4j desktop.exe
Allow access to these types of networks
Public networks
Private networks
Learn more
Allow
Cancel


Neo4j Desktop
File Edit View Window Help Developer
Neo4j Desktop
Please agree to the following license to continue...
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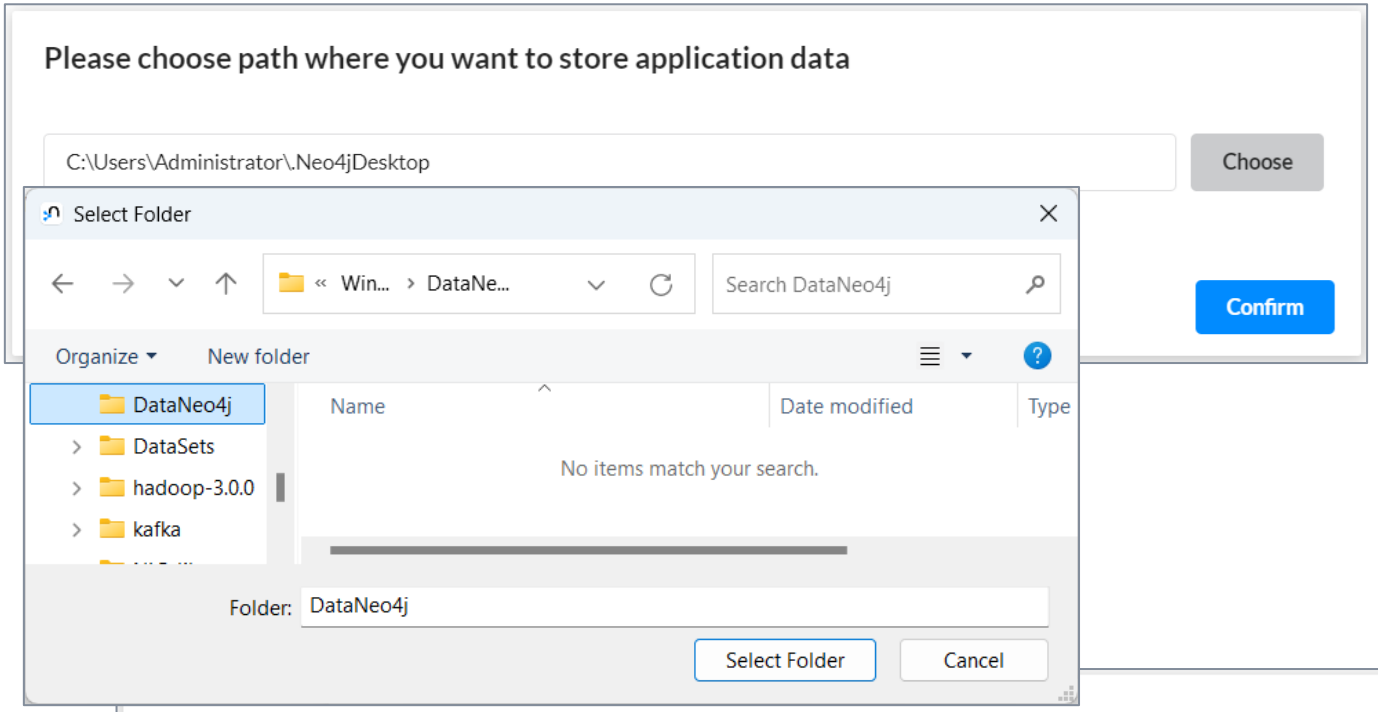
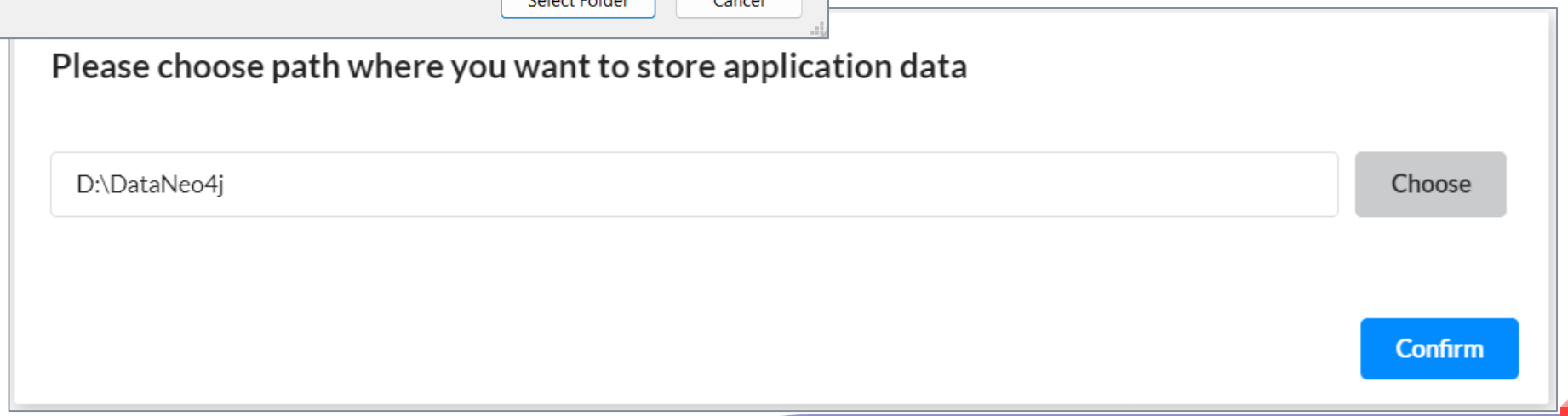
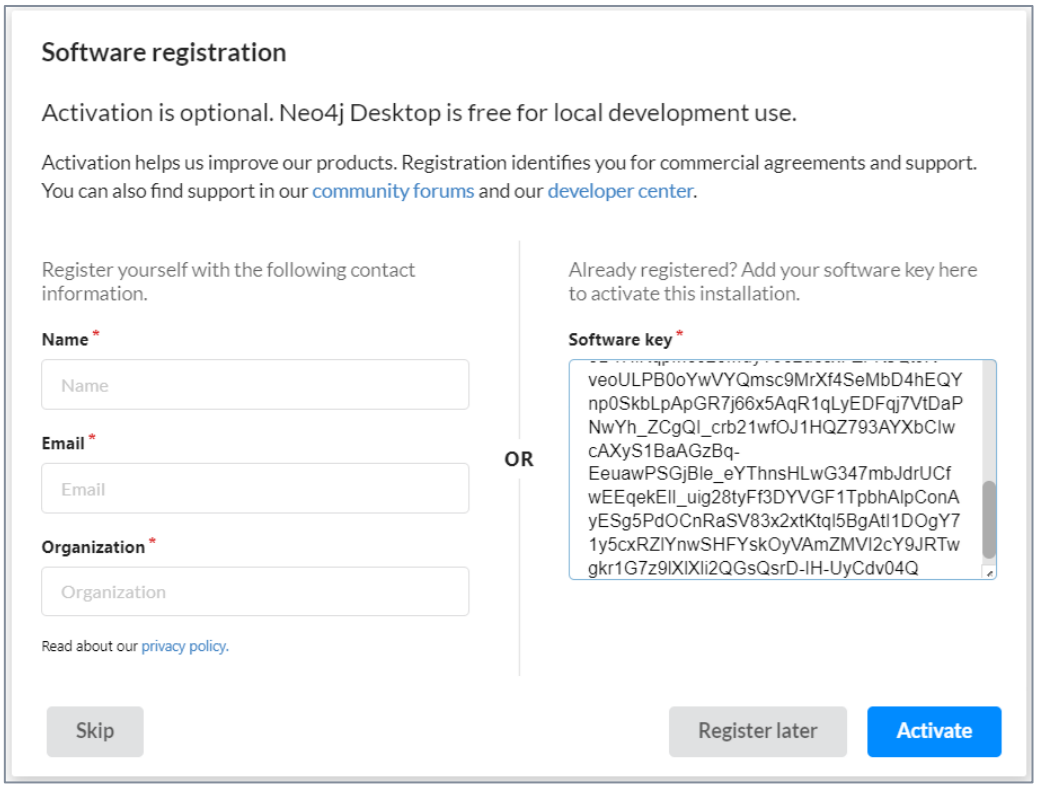
I Agree

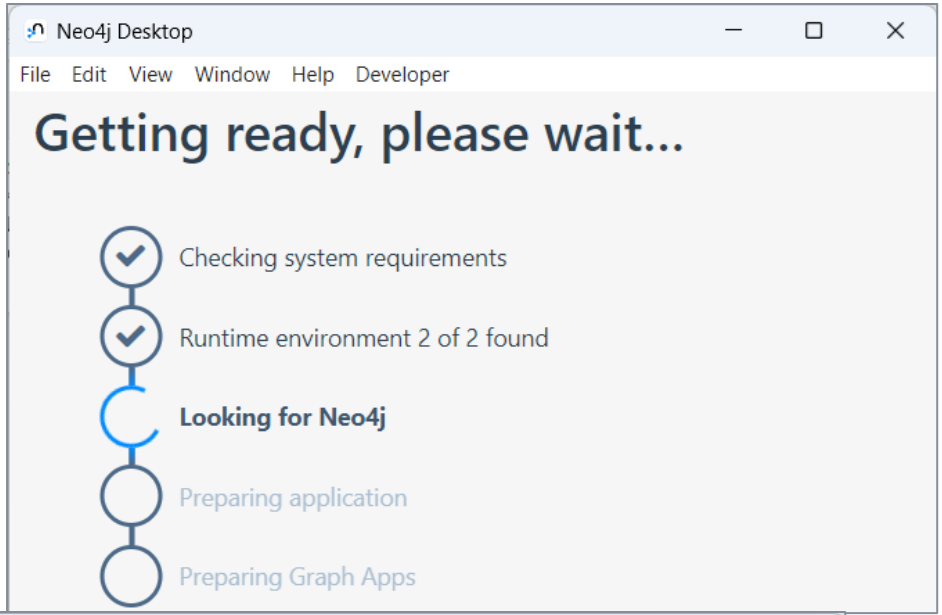
data folder

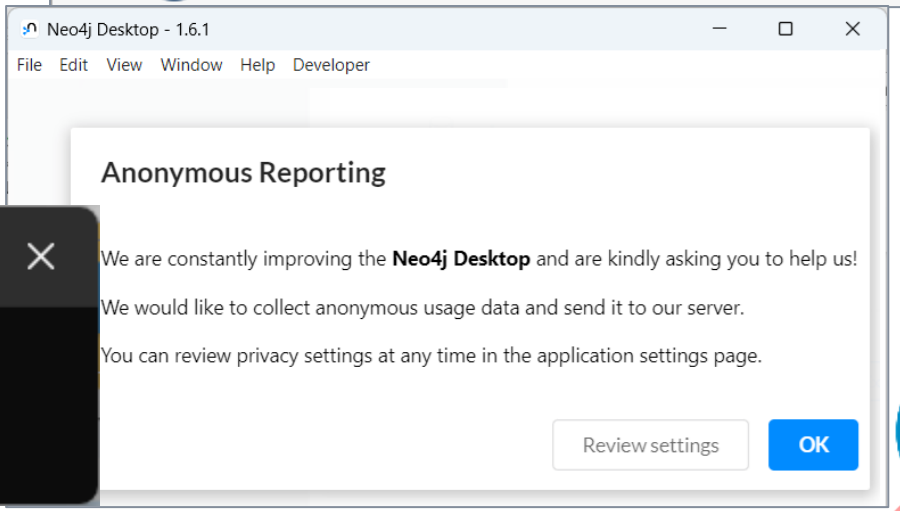

Please choose path where you want to store application data
C:\Users\Administrator\.Neo4jDesktop
Choose
Confirm
Select Folder
Win... › DataNe...
Search DataNeo4j
Organize
New folder
DataNeo4j
DataSets
hadoop-3.0.0
kafka
Name
Date modified
Type
No items match your search.
Folder:
DataNeo4j
Select Folder
Cancel

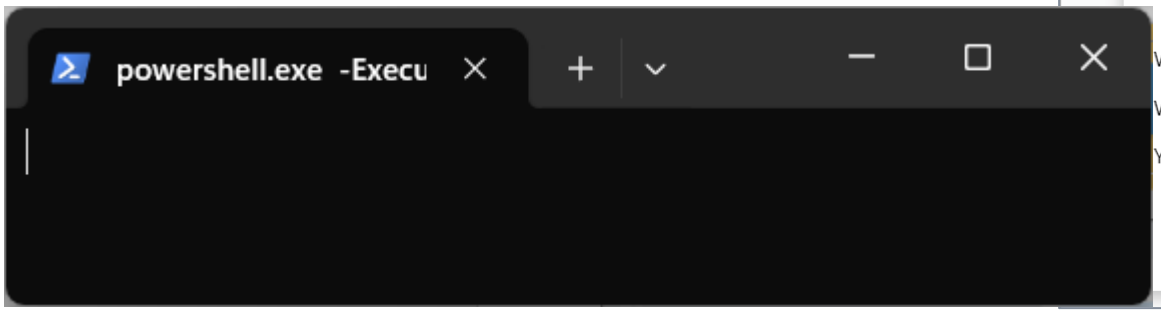

Please choose path where you want to store application data
D:\DataNeo4j
Choose
Confirm

key

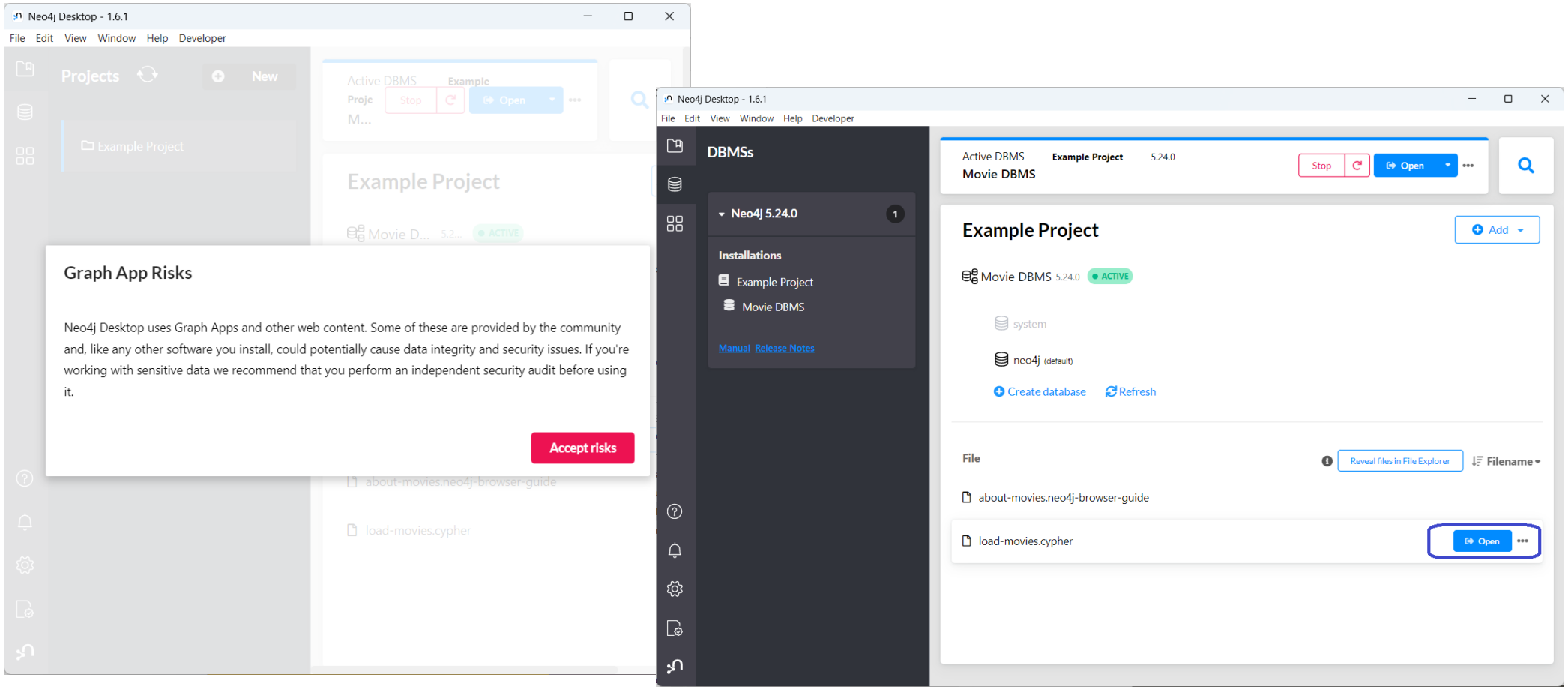

Software registration
Activation is optional. Neo4j Desktop is free for local development use.
Activation helps us improve our products. Registration identifies you for commercial agreements and support.
You can also find support in our community forums and our developer center.
Register yourself with the following contact information.
Name *
Name
Email *
Email
Organization *
Organization
Read about our privacy policy.
OR
Already registered? Add your software key here to activate this installation.
Software key *
veoULPB0oYwVYQmsc9MrXf4SeMbD4hEQY
np0SkbLpApGR7j66x5AqR1qLyEDFqj7VtDaP
NwYh_ZCgQl_crb21wfOJ1HQZ793AYXbCIw
cAXyS1BaAGzBq-
EeuawPSGjBle_eYThnsHLwG347mbJdrUCf
wEEqekEll_uig28tyFf3DYVGF1TpbhAlpConA
yESg5PdOCnRaSV83x2xtKtql5BgAtl1DOgY7
1y5cxRZlYnwSHFYskOyVAmZMVl2cY9JRTw
gkr1G7z9lXlXli2QGsQsrD-lH-UyCdv04Q
Skip
Register later
Activate


Neo4j Desktop
File Edit View Window Help Developer
Getting ready, please wait...
Checking system requirements
Runtime environment 2 of 2 found
Looking for Neo4j
Preparing application
Preparing Graph Apps

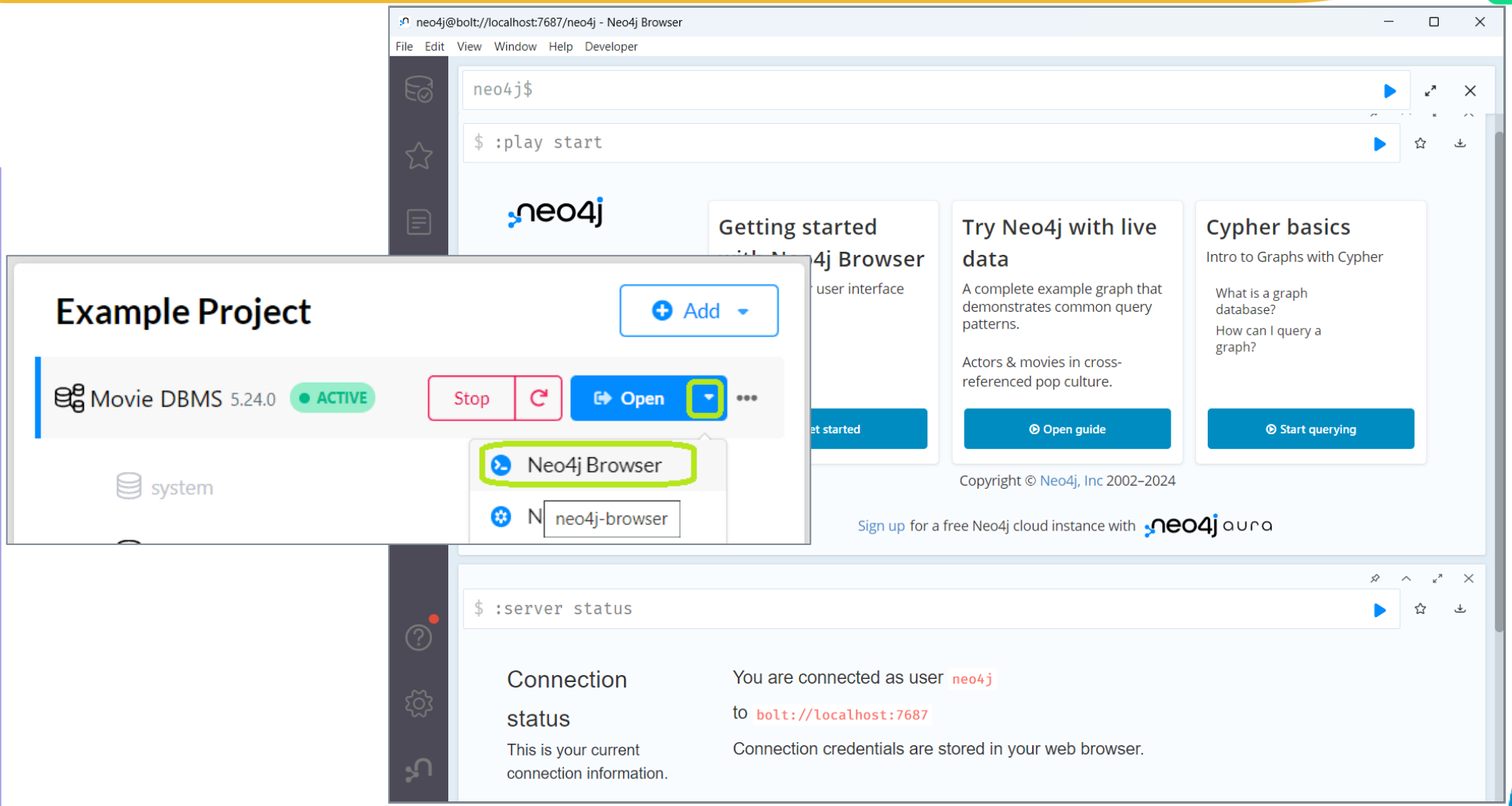

Neo4j Desktop - 1.6.1
File Edit View Window Help Developer
Anonymous Reporting
We are constantly improving the Neo4j Desktop and are kindly asking you to help us!
We would like to collect anonymous usage data and send it to our server.
You can review privacy settings at any time in the application settings page.
Review settings
OK


powershell.exe -Execu

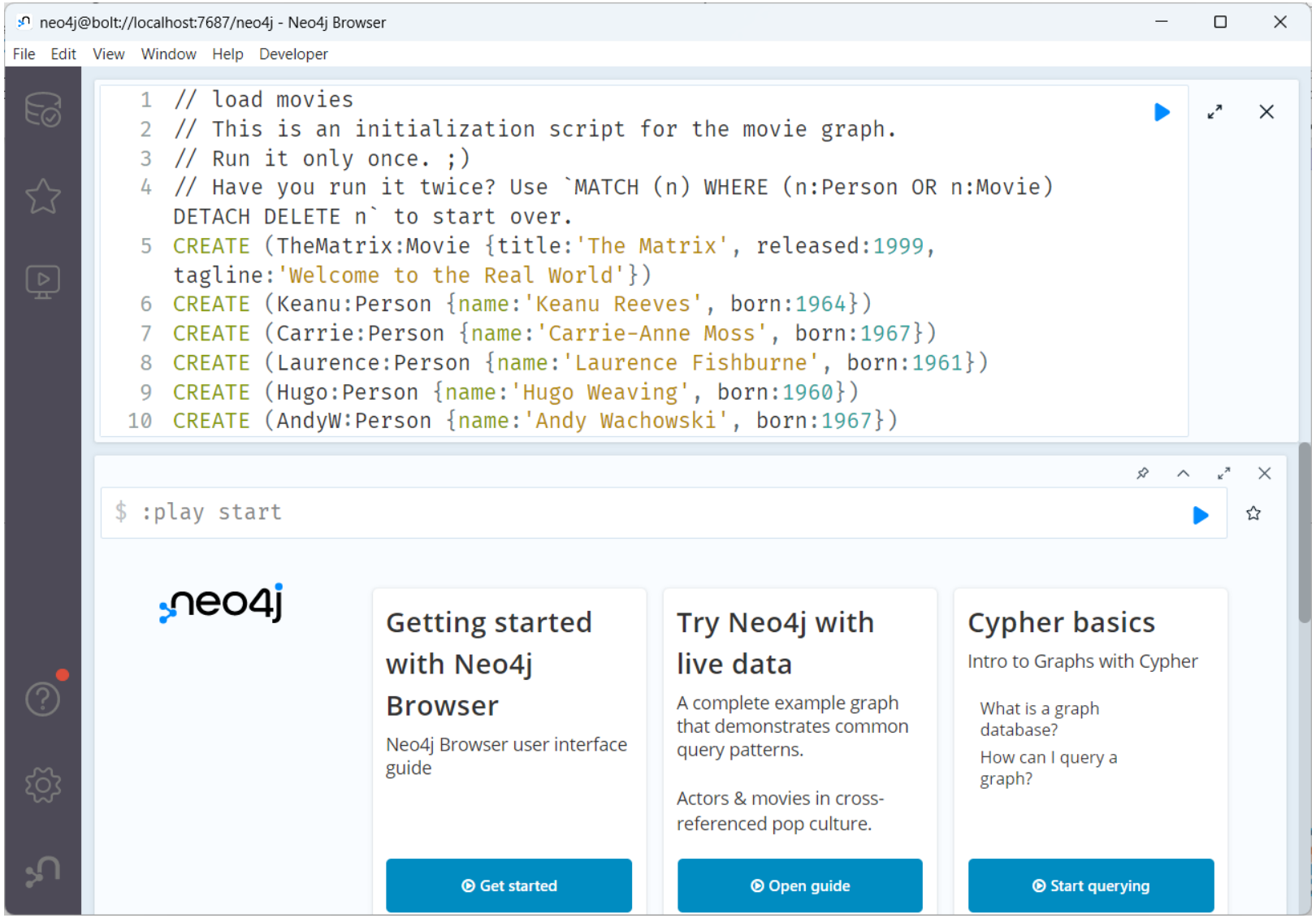
start


Neo4j Desktop - 1.6.1
File Edit View Window Help Developer
Projects
New
Example Project
Graph App Risks
Neo4j Desktop uses Graph Apps and other web content. Some of these are provided by the community and, like any other software you install, could potentially cause data integrity and security issues. If you're working with sensitive data we recommend that you perform an independent security audit before using it.
Accept risks
Neo4j Desktop - 1.6.1
File Edit View Window Help Developer
DBMSs
Neo4j 5.24.0
Installations
Example Project
Movie DBMS
Manual Release Notes
Active DBMS
Example Project
5.24.0
Movie DBMS
Stop
Open
Example Project
Add
Movie DBMS 5.24.0
ACTIVE
system
neo4j (default)
Create database
Refresh
File
Reveal files in File Explorer
Filename
about-movies.neo4j-browser-guide
load-movies.cypher
Open

browser


neo4j@bolt://localhost:7687/neo4j - Neo4j Browser
File Edit View Window Help Developer
neo4j$
$:play start
neo4j
Getting started
user interface
Try Neo4j with live data
A complete example graph that demonstrates common query patterns.
Actors & movies in cross-referenced pop culture.
Open guide
Cypher basics
Intro to Graphs with Cypher
What is a graph database?
How can I query a graph?
Start querying
Copyright © Neo4j, Inc 2002–2024
Sign up for a free Neo4j cloud instance with neo4j aura
Example Project
Add
Movie DBMS 5.24.0
ACTIVE
Stop
Open
Neo4j Browser
neo4j-browser
system
$:server status
Connection status
This is your current connection information.
You are connected as user neo4j
to bolt://localhost:7687
Connection credentials are stored in your web browser.

get started


neo4j@bolt://localhost:7687/neo4j - Neo4j Browser
File Edit View Window Help Developer
1 // load movies
2 // This is an initialization script for the movie graph.
3 // Run it only once. ;)
4 // Have you run it twice? Use `MATCH (n) WHERE (n:Person OR n:Movie) DETACH DELETE n` to start over.
5 CREATE (TheMatrix:Movie {title:'The Matrix', released:1999, tagline:'Welcome to the Real World'})
6 CREATE (Keanu:Person {name:'Keanu Reeves', born:1964})
7 CREATE (Carrie:Person {name:'Carrie-Anne Moss', born:1967})
8 CREATE (Laurence:Person {name:'Laurence Fishburne', born:1961})
9 CREATE (Hugo:Person {name:'Hugo Weaving', born:1960})
10 CREATE (AndyW:Person {name:'Andy Wachowski', born:1967})
$:play start
neo4j
Getting started with Neo4j Browser
Neo4j Browser user interface guide
Get started
Try Neo4j with live data
A complete example graph that demonstrates common query patterns.
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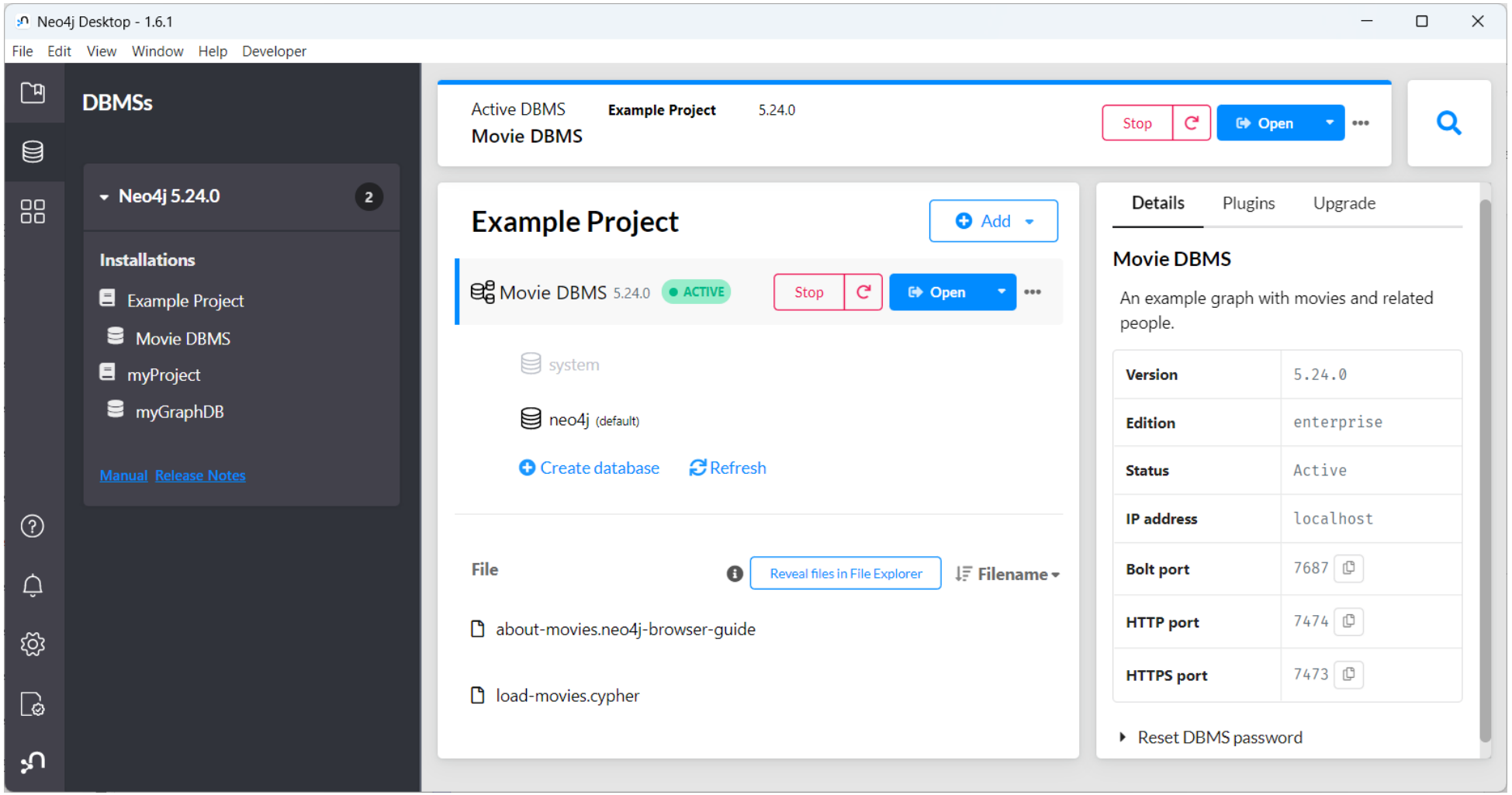
What is a graph database?
How can I query a graph?
Start querying

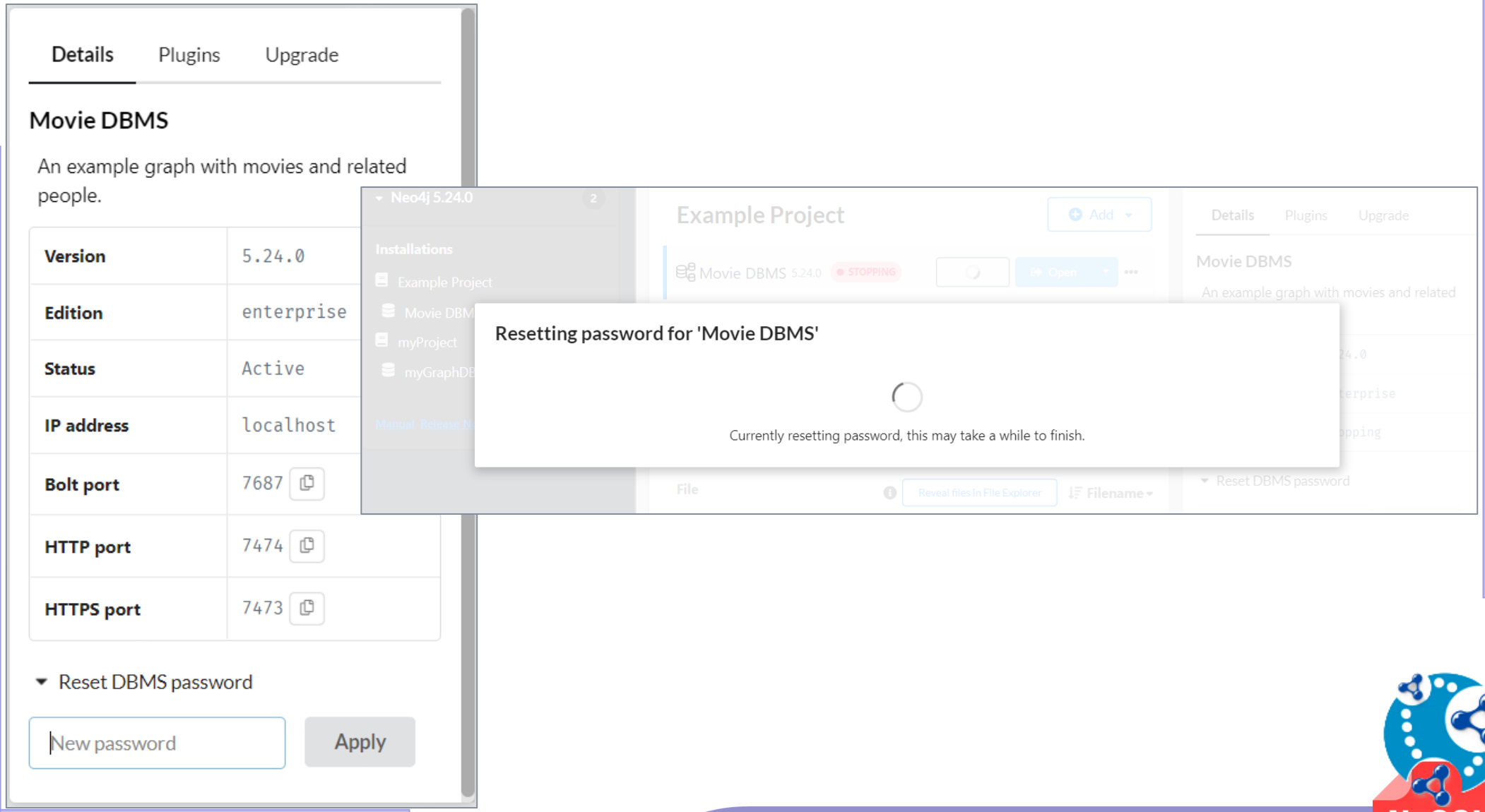
load

neo4j@bolt://localhost:7687/neo4j - Neo4j Browser
File Edit View Window Help Developer
neo4j$
neo4j$ // load movies // This is an initialization script for the movie graph. …
Table
Code
Added 179 labels, created 179 nodes, set 580 properties, created 258 relationships, completed after 1303 ms.
Added 179 labels, created 179 nodes, set 580 properties, created 258 relationships, completed after 1303 ms.
$:play start

details


Neo4j Desktop - 1.6.1
File Edit View Window Help Developer
DBMSs
Neo4j 5.24.0
2
Installations
Example Project
Movie DBMS
myProject
myGraphDB
Manual Release Notes
Active DBMS
Example Project
5.24.0
Movie DBMS
Stop
Open
Example Project
Add
Movie DBMS 5.24.0
ACTIVE
Stop
Open
system
neo4j (default)
Create database
Refresh
File
Reveal files in File Explorer
Filename
about-movies.neo4j-browser-guide
load-movies.cypher
Details
Plugins
Upgrade
Movie DBMS
An example graph with movies and related people.
Version 5.24.0
Edition enterprise
Status Active
IP address localhost
Bolt port 7687
HTTP port 7474
HTTPS port 7473
Reset DBMS password

pwd


Details
Plugins
Upgrade
Movie DBMS
An example graph with movies and related people.
Version
5.24.0
Edition
enterprise
Status
Active
IP address
localhost
Bolt port
7687
HTTP port
7474
HTTPS port
7473
Reset DBMS password
New password
Apply
Neo4j 5.24.0
Installations
Example Project
Movie DBMS
myProject
myGraphDB
Example Project
Add
Movie DBMS 5.24.0
STOPPING
Open
File
Reveal files in File Explorer
Filename
Details
Plugins
Upgrade
Movie DBMS
An example graph with movies and related
Reset DBMS password
Resetting password for 'Movie DBMS'
Currently resetting password, this may take a while to finish.