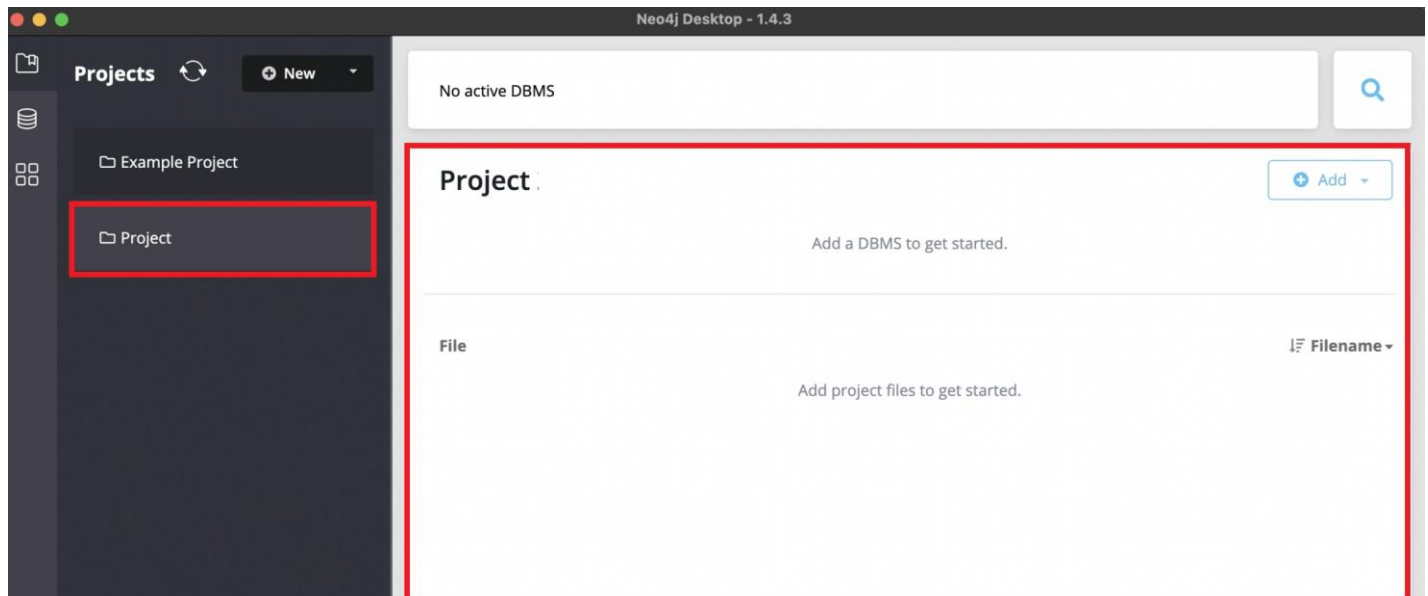# Create new project and Local DBMS

Creating a Project
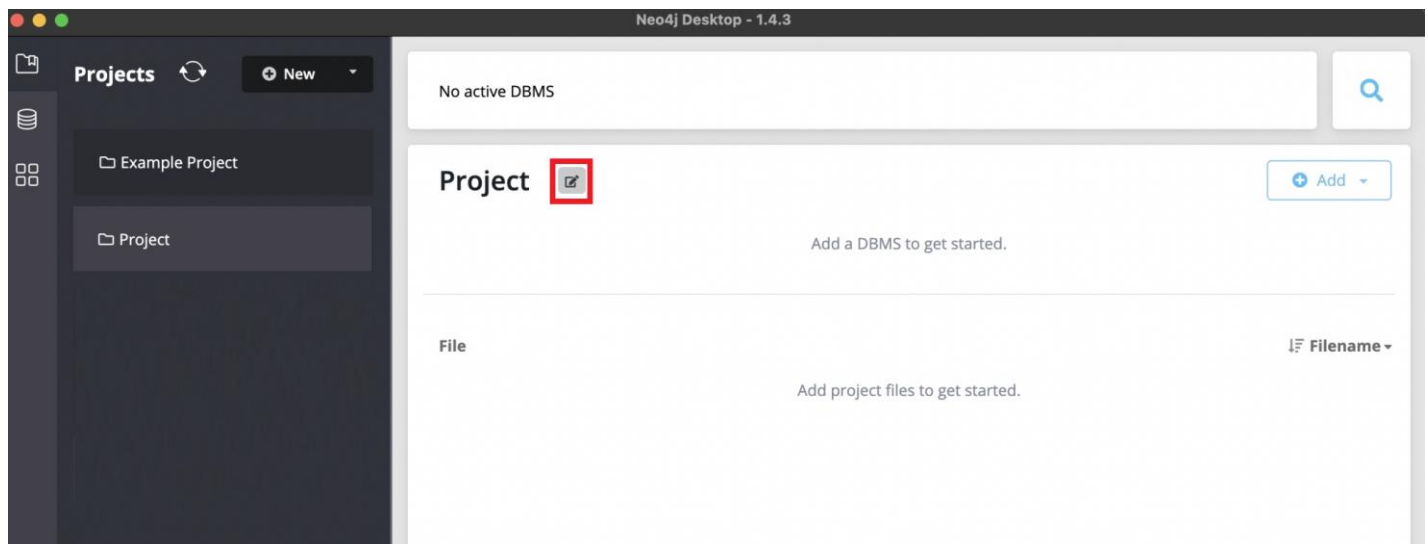
Add a new project by clicking **New** at the top of the sidebar.
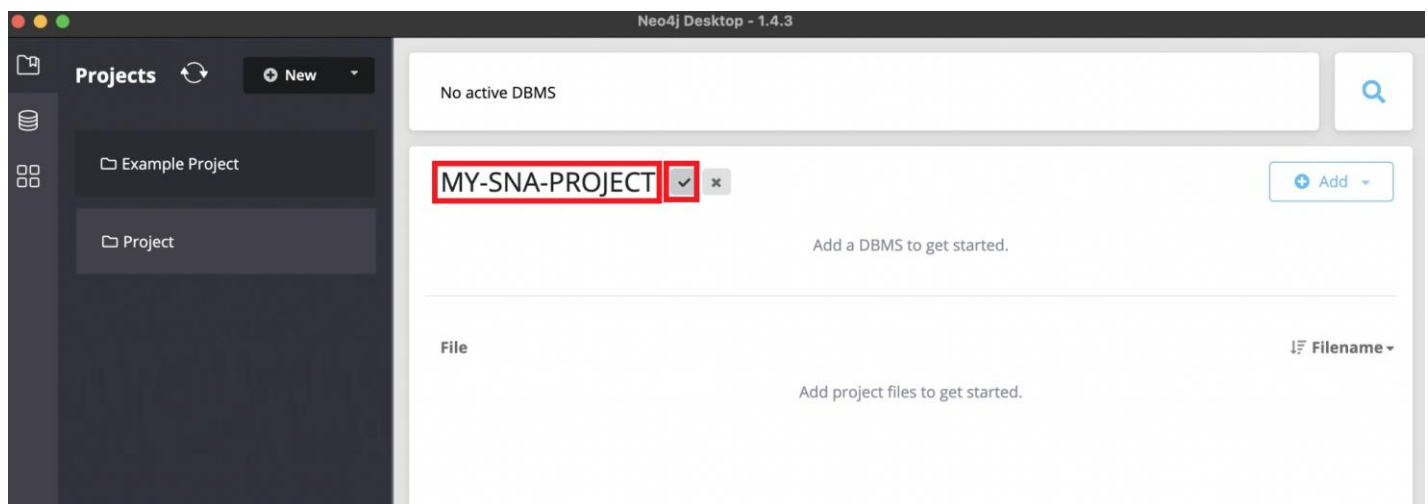

This creates a project named Project.

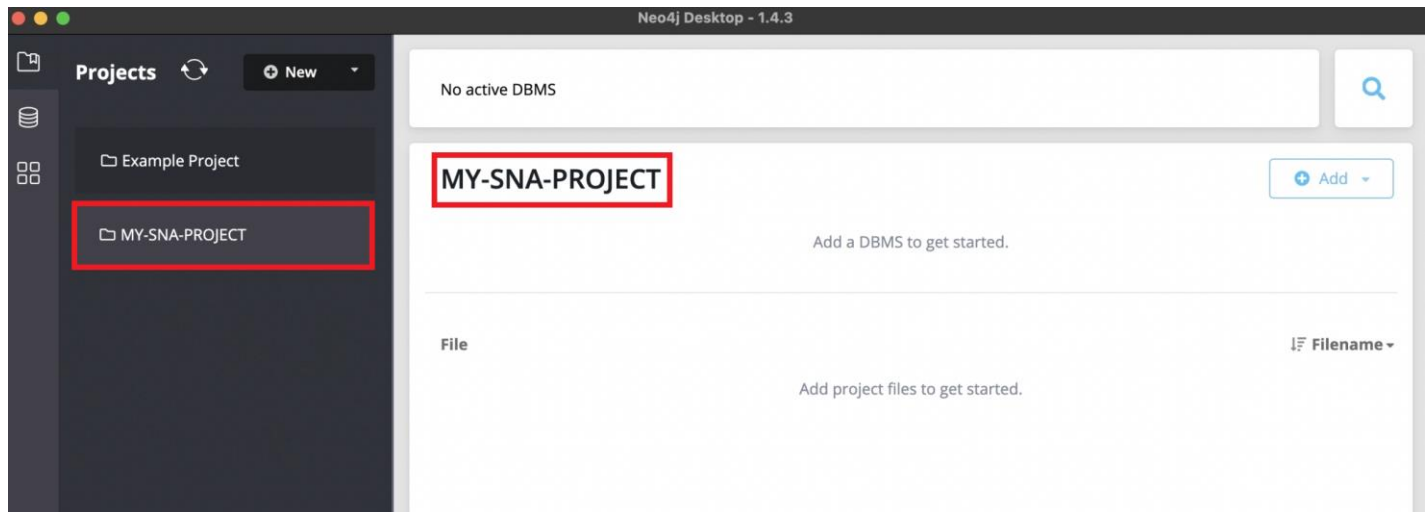Reference: https://neo4j.com/developer/neo4j-desktop/

You want your projects to be named something that describes the goal of the project. You can change the name of a project by hovering over the area to the right of the project name and selecting the **Edit** button.

Then you type a name for the project and select the "Check" button to save the name.

Reference: https://neo4j.com/developer/neo4j-desktop/

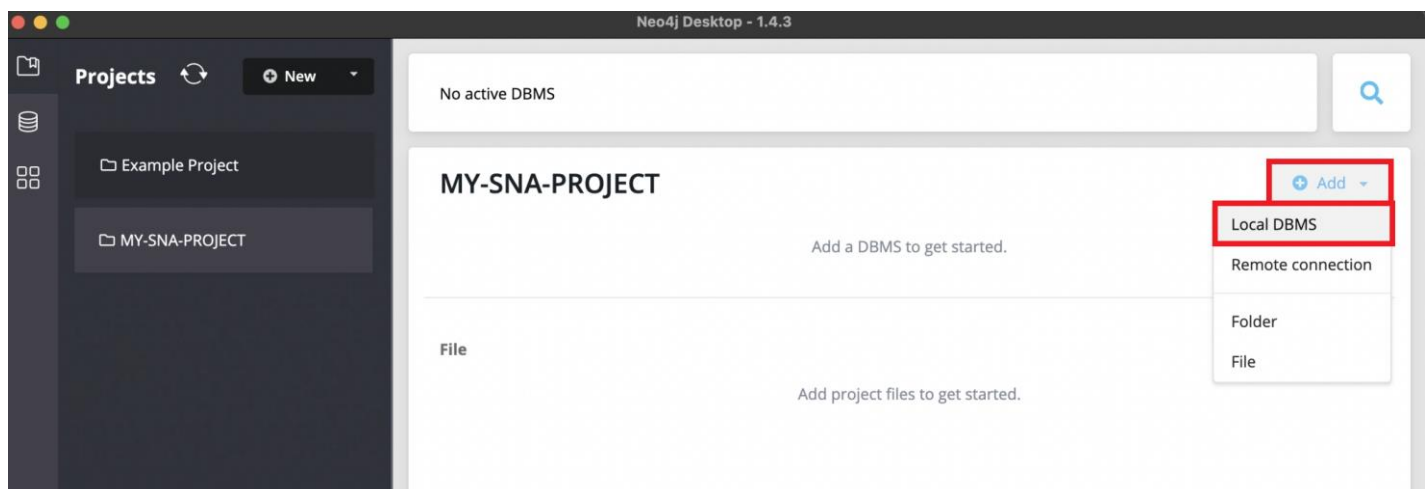And here we see the project with the changed name.

To remove the project, hover over the Project row in the projects menu and click the trash bin icon that appears on the right side (🗑).

Creating a DBMS

A DBMS is a Neo4j Server instance that contains the system and neo4j databases, but can contain more databases (multi-db feature of Neo4j 4.x Enterprise Edition)

In a Neo4j Desktop project, you can create one or more DBMSs. Next, you will create a local DBMS in a project and start it.
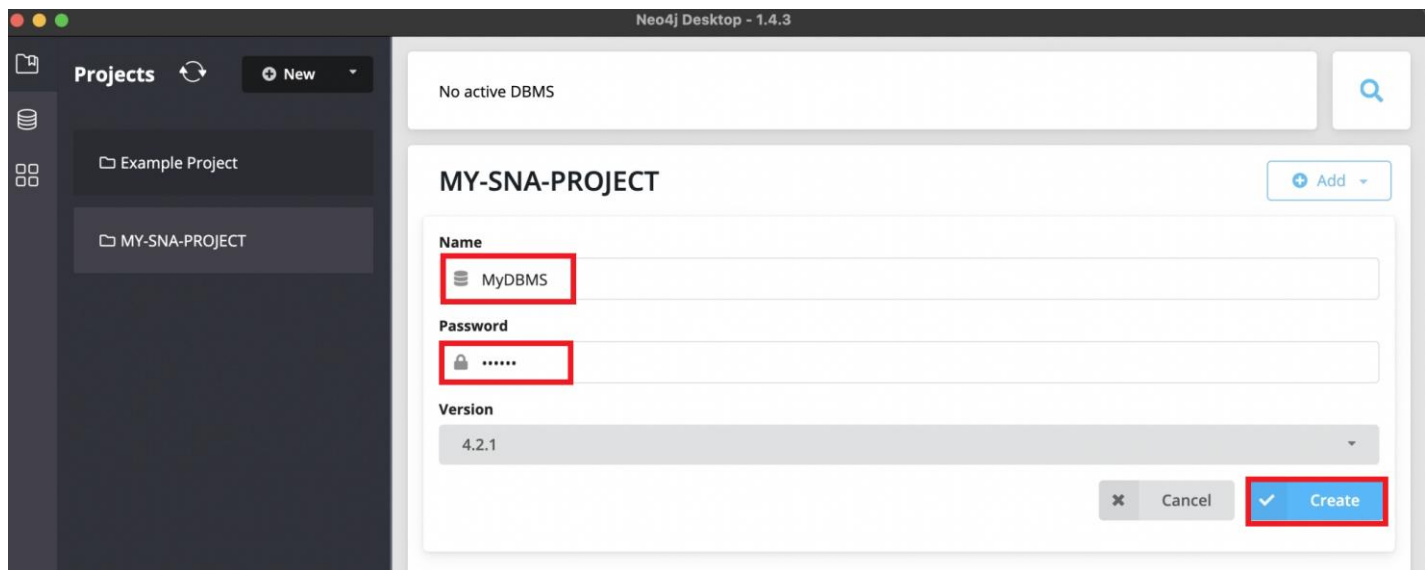
In the project where you want to add the DBMS, click the **Add** button, and then select Local DBMS

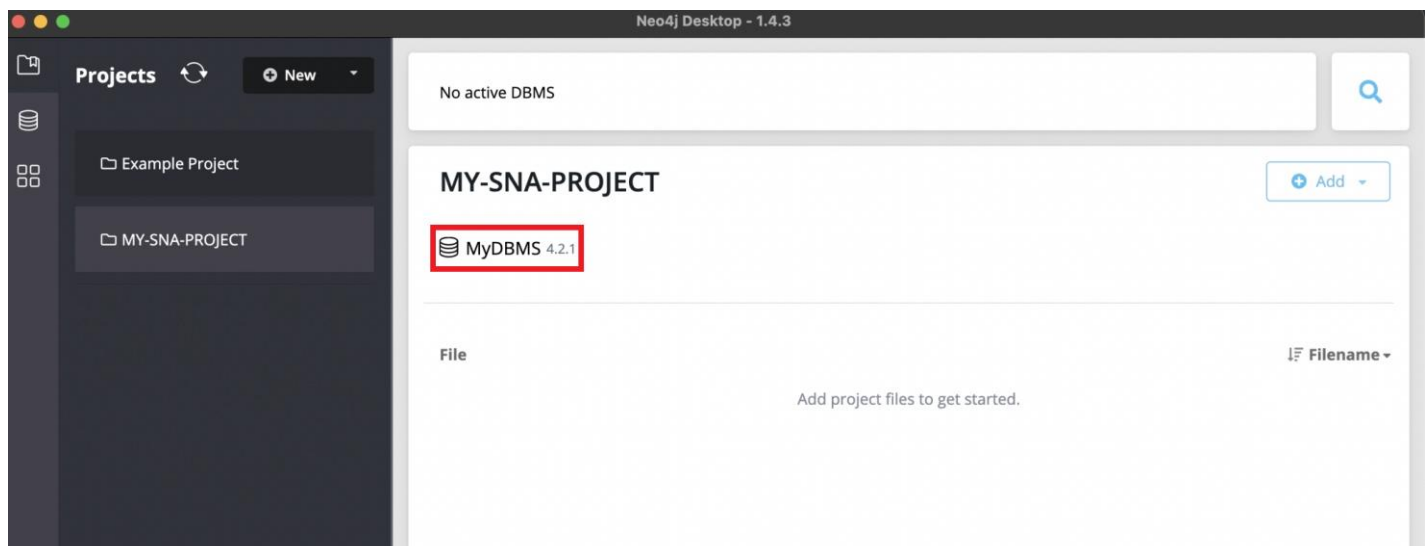Reference: https://neo4j.com/developer/neo4j-desktop/

This opens a dialog where you will specify the details of the DBMS. You can use the default name for the

DBMS, which is Graph DBMS

- You should name it something that helps to identify the use case for the DBMS. Here we specify

    MyDBMS as the name

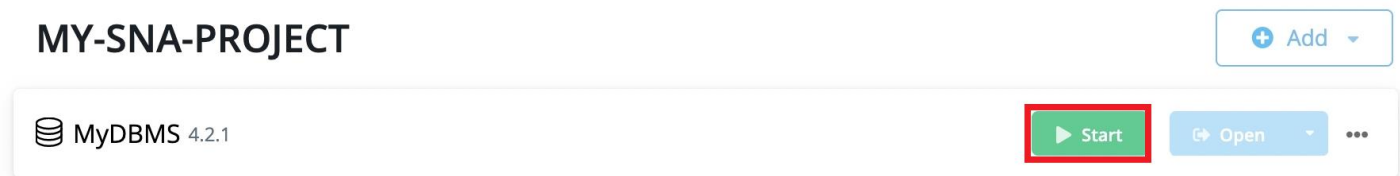- You <u>must</u> specify a password for the DBMS so enter a password that you will remember

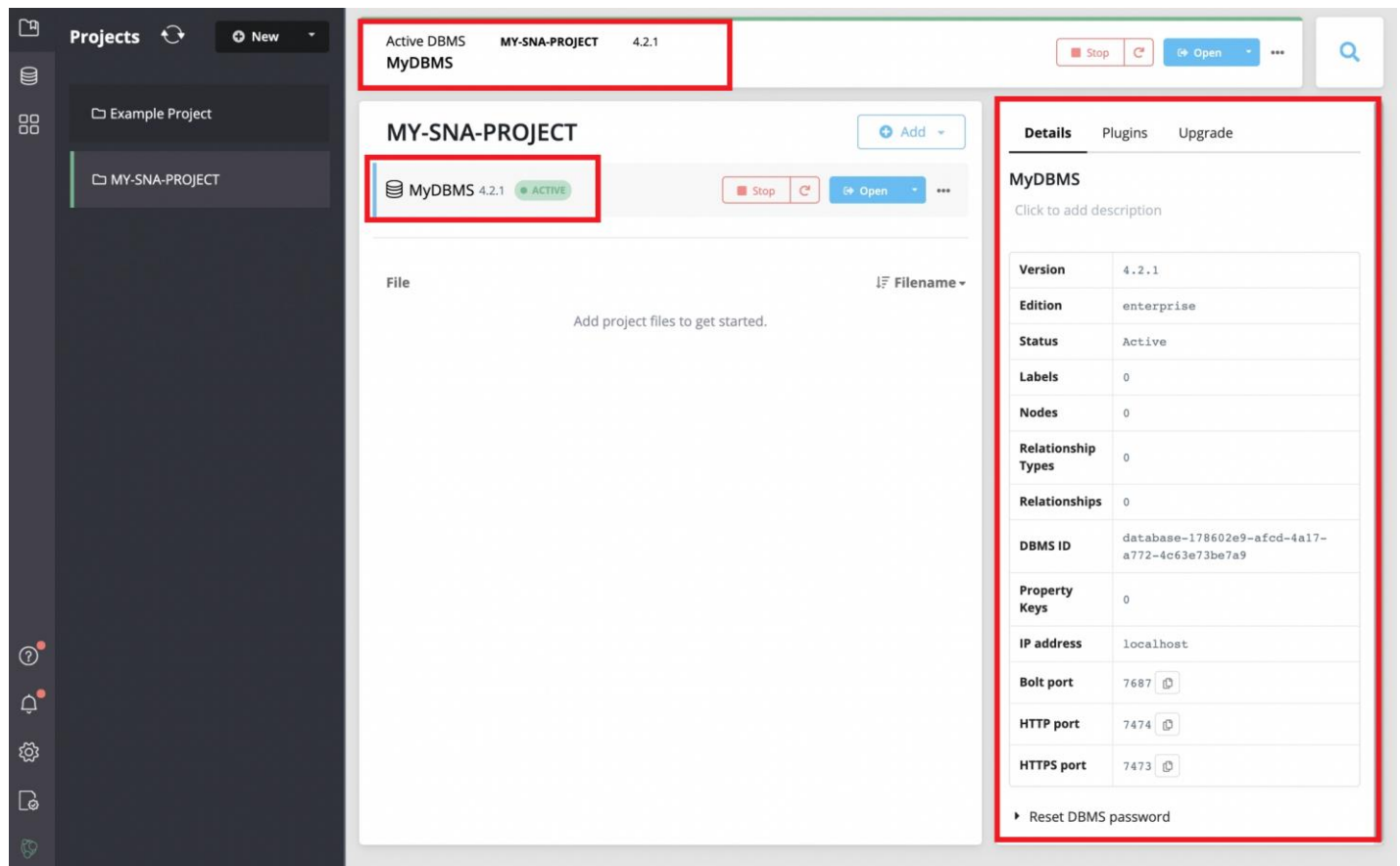After you have specifed the details for the DBMS you want to create, you click the **Create** button

And here is what you should see after the DBMS is successfully created.

Reference: https://neo4j.com/developer/neo4j-desktop/

Recall that you cannot have more than one DBMS started. Provided you have no other DBMSs started in Neo4j Desktop, you can start your newly-created DBMS by hovering to the right of the DBMS name and clicking the **Start** button.

The DBMS will take a few seconds to start. After it is started, you should see something like this.

After the DBMS is started, you can access it with clients running on your system such as Neo4j Browser, Neo4j Bloom, etc. In Neo4j Desktop, the DBMS is an Enterprise Server, but it can only be accessed locally.

You have now created your own DBMS!

Reference: https://neo4j.com/developer/neo4j-desktop/

Managing the DBMS
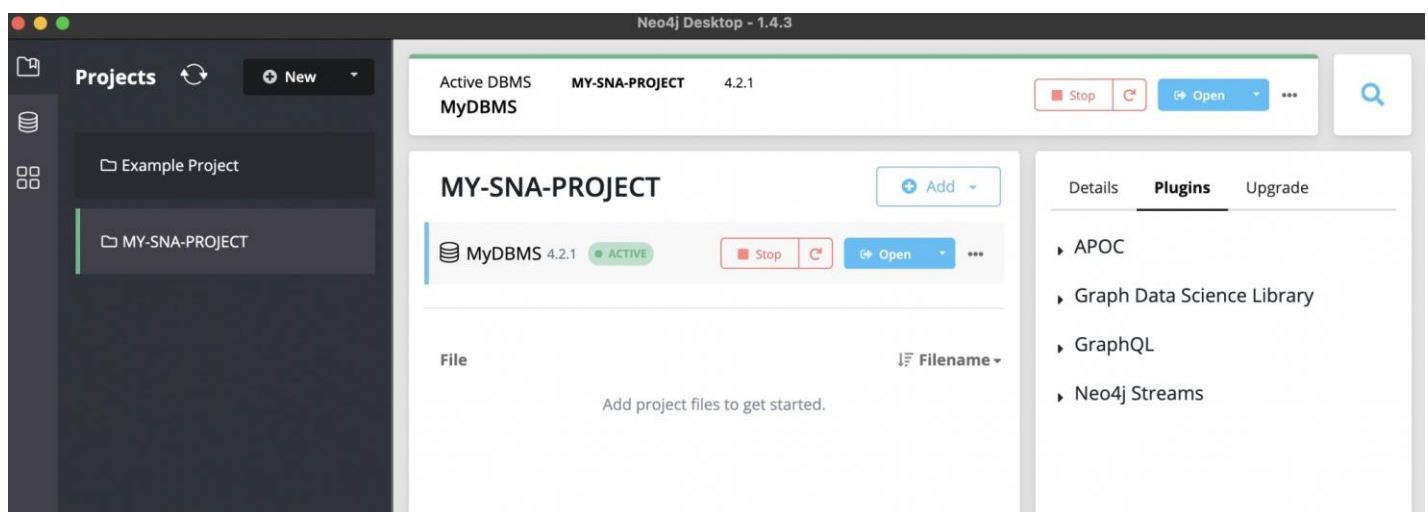
After you have created a DBMS you may want to:

- Add a plugin (library) that will be used for the instance.
- Add a file for importing data into a database of the DBMS.
- Open a terminal window for the DBMS.
- Modify runtime settings for the DBMS.
- View log files for the DBMS.
- Reset the password for the DBMS.

Adding a plugin

A plugin is additional functionality that can be enabled for a DBMS. Currently with the latest release of Neo4j Desktop that uses a 4.2.x DBMS, the following plugins come with Neo4j Desktop that you can install:

- Awesome Procedures for Cypher (APOC)
- Graph Data Science Library
- GraphQL
- Neo4j Streams

If you click the DBMS, a pane should open on the right with the Details, Plugins, and Upgrade tabs. If you do not see this pane on the right, make sure your Neo4j Dekstop window is wider to accomodate this pane.

Reference: https://neo4j.com/developer/neo4j-desktop/

You can install or uninstall a plugin from this tab. The version of the plugin must be compatible with the version of the DBMS. Neo4j Desktop will ensure compatibility. After you install or uninstall a plugin, you must restart the DBMS.

Here we see that we can now access APOC procedures for this DBMS:

Reference: https://neo4j.com/developer/neo4j-desktop/