

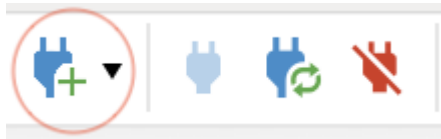

# Connecting to Trino through DBeaver

DBeaver is used as a UI for connecting to our Trino instance (similar to how we use PGAdmin for Postgres).

Additional information on DBeaver and downloading this application can be found here: <https://dbeaver.io/download/>

Once DBeaver is installed on your machine, we can go ahead and create a connection to the Trino database:

Follow the steps below to connect to Trino through DBeaver:

Step	Description	Supporting Information
1	Click on the "New Database Connection" icon in the top left corner (looks like a plug with a '+' sign)	
2	Next, select your database by clicking the Trino (bunny in astronaut helmet) icon in this window & select "Next"	

3

Edit the connection settings according to the screenshot (use your CHOP username and password)

**Connection settings**  
Trino connection settings

Connection settings | Main | Driver properties | SSH | [+ Network configurations...](#)

General

Connect by:  Host  URL

JDBC URL: [Redacted]

Host: [Redacted]

Database/Schema: hive

Authentication (Database Native)

Username: your\_chop\_username

Password: your\_chop\_password  Save password

[You can use variables in connection parameters.](#)

Driver name: Trino Driver Settings

4

Edit "Driver properties" so that SSL is set to "true" > select finish

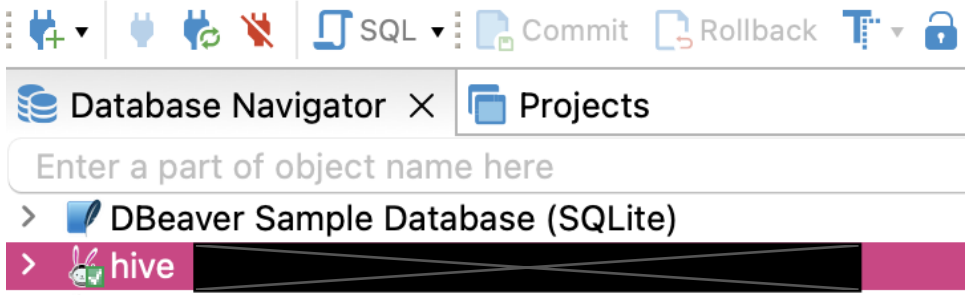
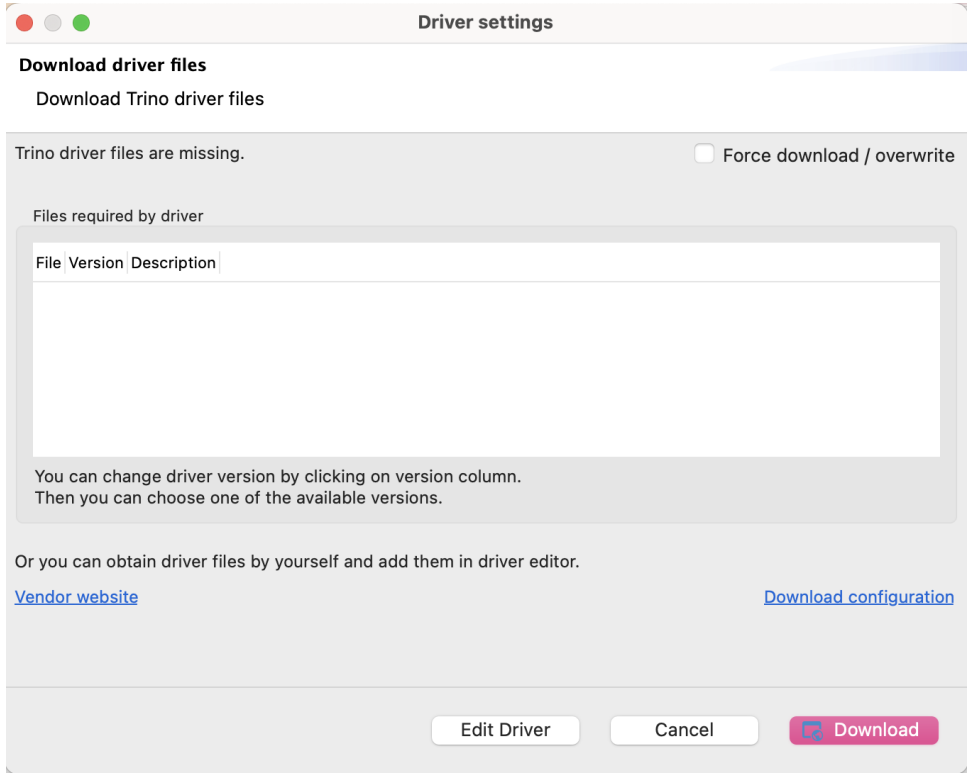
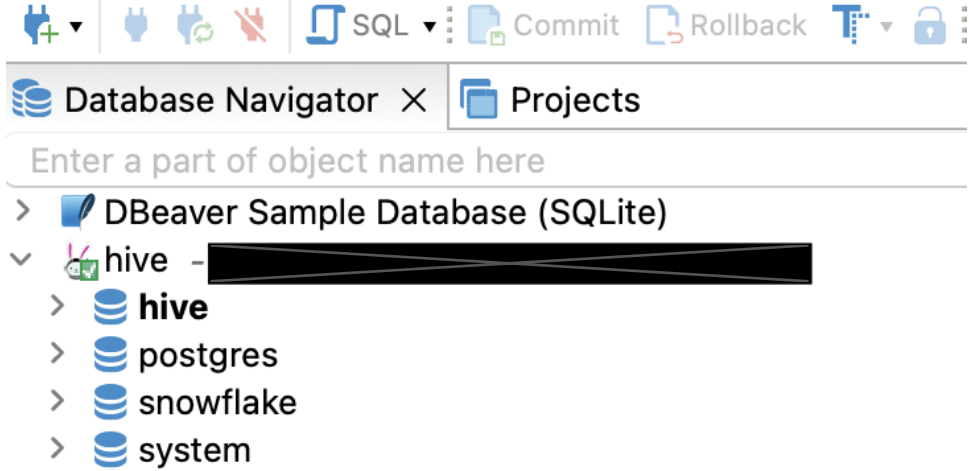
**Generic JDBC Connection Settings**  
Trino connection settings

Main | Driver properties | SSH | [+ Network configurations...](#)

Name	Value
Driver properties	
KerberosConfigPath	
KerberosConstrainedDelegation	
KerberosCredentialCachePath	
KerberosDelegation	false
KerberosKeytabPath	
KerberosPrincipal	
KerberosRemoteServiceName	
KerberosServicePrincipalPattern	\${SERVICE}@\${HOST}
KerberosUseCanonicalHostname	true
<b>SSL</b>	<b>true</b>
SSLKeyStorePassword	
SSLKeyStorePath	
SSLKeyStoreType	
SSLTrustStorePassword	
SSLTrustStorePath	
SSLTrustStoreType	
SSLUseSystemKeyStore	
SSLUseSystemTrustStore	
SSLVerification	FULL
accessToken	
applicationNamePrefix	

[Advanced driver properties](#) [Driver documentation](#)

Test Connection ... < Back Next > Cancel Finish

5	<p>The Trino connection should now be reflected on the left hand side of the window. Select this connection to connect</p>	 <p>The screenshot shows the Database Navigator window with a toolbar at the top containing icons for connection management, SQL execution, and transaction control. The main area displays a tree view with 'DBEaver Sample Database (SQLite)' and 'hive' (with a rabbit icon) expanded.</p>
5.5	<p>It will probably ask you to download the Trino driver (perhaps twice). Select "Download"</p>	 <p>The 'Driver settings' dialog box is shown with the 'Download driver files' section active. It includes a checkbox for 'Force download / overwrite', a table for 'Files required by driver' (which is currently empty), and instructions on how to change the driver version. At the bottom, there are 'Edit Driver', 'Cancel', and 'Download' buttons.</p>
6	<p>Now you should be connected and able to see the different "Catalogs" for our Trino instance!</p>	 <p>The screenshot shows the Database Navigator window with the 'hive' connection expanded. The left sidebar now lists four catalogs: 'hive', 'postgres', 'snowflake', and 'system', each with its respective database icon.</p>