



# CREATE AND RUN QUERIES WITH DATASTAX DEVCENTER

**Prerequisite:** You must have installed DataStax Enterprise and DevCenter. If you have not done so yet, please review the following guide:

### • Install and Setup DataStax Enterprise

This quick start guide will walk you through DevCenter and how to create and query objects.

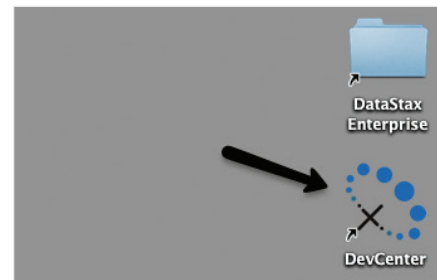
### Sample Scripts

Below are some sample scripts that you can leverage to help you get started with DevCenter.

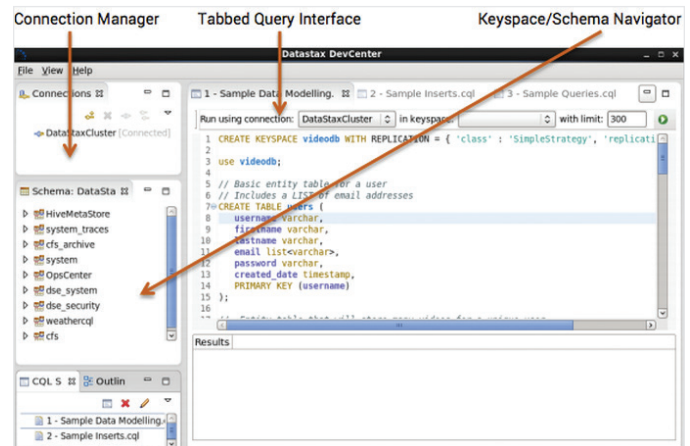
Create_keyspace.cql	CREATE KEYSPACE simplekeyspace WITH REPLICATION = { 'class' : 'SimpleStrategy', 'replication_factor' : 1 };
Create_table.cql	USE simplekeyspace;  CREATE TABLE simpletable (pk text PRIMARY KEY, col1 text, col2 text, col3 text);
Insert_data.cql	USE simplekeyspace;  INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk1', 'col11', 'col21', 'col31'); INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk2', 'col12', 'col22', 'col32'); INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk3', 'col13', 'col23', 'col33'); INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk4', 'col14', 'col24', 'col34'); INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk5', 'col15', 'col25', 'col35'); INSERT INTO simpletable (pk, col1, col2, col3) VALUES ('pk6', 'col16', 'col26', 'col36');
Select_all.cql	USE simplekeyspace; SELECT * FROM simpletable;

### Step 1: Start DevCenter

If DevCenter doesn't auto start after your installation, go to your desktop and double click on the DevCenter icon.

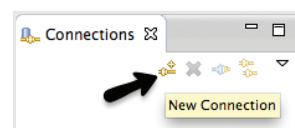


You will be presented with the DevCenter user interface. This is where you will create and execute your queries.

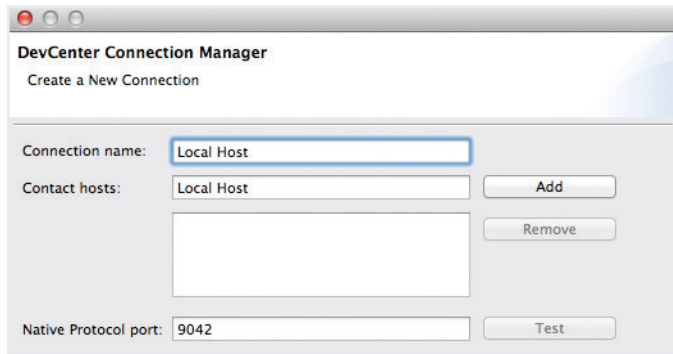


### Step 2: Create and Name Connection

Next, create and name your new connection by clicking on the new connection icon in the Connections view.

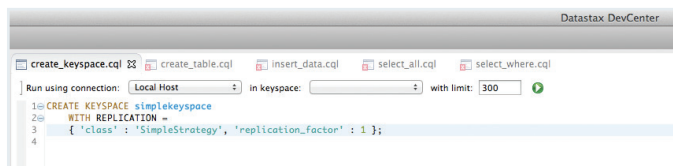


Then name and add your contact host.

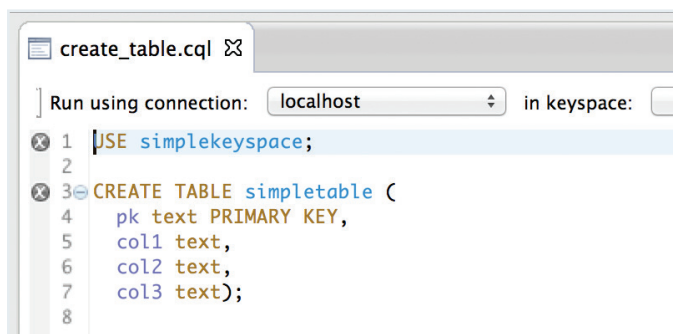


### Step 3: Create a Keyspace and Table

A keyspace contains database tables and defines how data is replicated in a cluster. Copy the create\_keyspace.cql script from the Sample Scripts table in this document and then click 'execute' to run the command. This will create a keyspace named "simplekeyspace".

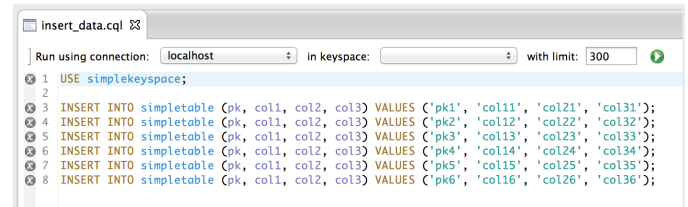


Now you can create a table to store the data. To create a table, copy the create\_table.cql script from the Sample Scripts table in this document and click "execute" to run the command.



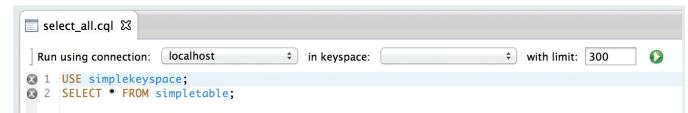
### Step 4: Insert Data

Now that the table is created, you can insert data into your table by copying the insert\_data.cql script from the Sample Scripts table in this document and then click 'execute' to run the command. You'll see the information in the Results View at the bottom of the screen.



### Step 5: Run a Query

To run a query against your table, simply copy the select\_all.cql script from the Sample Scripts table in this document and then click 'execute' to run the Select command.



You can also view the information in the Results View at the bottom of the screen as well as save the data in a variety of formats.

Results				
pk	col1	col2	col3	
pk1	col11	col21	col31	
pk5	col15	col25	col35	
pk6	col16	col26	col36	
pk4	col14	col24	col34	
pk2	col12	col22	col32	
pk3	col13	col23	col33	

Now that you've added your data to the database, the next step is to manage your database with OpsCenter.

For detailed information and documentation on how to get started, visit [www.DataStax.com/GettingStarted](http://www.DataStax.com/GettingStarted).

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## About DataStax

DataStax is the fastest, most scalable distributed database technology, delivering Apache Cassandra to the world's most innovative enterprises. Datastax is built to be agile, always-on, and predictably scalable to any size.

With more than 500 customers in 45 countries, DataStax is the database technology and transactional backbone of choice for the world's most innovative companies such as Netflix, Adobe, Intuit, and eBay. Based in Santa Clara, Calif., DataStax is backed by industry-leading investors including Lightspeed Venture Partners, Meritech Capital, and Crosslink Capital. For more information, visit [DataStax.com](http://DataStax.com) or follow us @DataStax.  
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