

Cloudera Streaming Analytics 1.8.0

Getting Started

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CLOUdera

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Running a simple SQL job

You can use this Getting Started use case to get familiar with the most simple form of running a SQL Stream job.

About this task

The Getting Started contains the basic steps of running a SQL Stream job. When executing the job, you do not need to select a sink as the results are displayed in the browser. SQL Stream Builder provisions a job on your cluster to run the SQL queries. You can select the **Logs** tab to review the status of the SQL job. As data is returned, it shows up in the **Results** tab.

Procedure

1. Navigate to the Streaming SQL Console.
 - a) Go to your cluster in Cloudera Manager.
 - b) Select SQL Stream Builder from the list of services.
 - c) Click SQLStreamBuilder Console .

The **Streaming SQL Console** opens in a new window.

2. Provide a name for the SQL job in the SQL Job Name text box.

You can also use the random name button to generate a name for your job.



Important: Do not write the data out to any table using the INSERT INTO statement, as the output is generated to the browser.

3. Select *datagen* from the Templates.

The CREATE TABLE statement is imported to the SQL window.

4. Add a SELECT query to the SQL window after the datagen template.

```
SELECT * FROM <table_name>
```



Note: When adding SQL statements to the SQL window, you do not need to add the semicolon (;) at the end of the statement as SSB can run the command without the semicolons.

5. Click Execute.

You can see the generated output on the Results tab.

6. Click on the Stop button to stop the job.

The screenshot displays the Cloudera Data Platform console interface. On the left is a dark sidebar with navigation links: Console, Functions, History, SQL Jobs, Materialized Views, Data Providers, Connectors, Flink Dashboard, API Explorer, Teams, and the user 'ssb_default Administrator'. The main content area is titled 'Getting Started' and is divided into two panels. The top panel, 'Create New Job', features a 'Job Name' input field with the text 'awesome_colden', a 'Generate Job Name' button, and a 'Create Job' button. The bottom panel, 'Select Job', includes a search bar and a table with one entry: 'determined_payne' with a status of 'STOPPED' and a timestamp of '2022-05-02 10:09:13 (moments ago)'. The table also shows a value of '5195'.

Related Information

[Data Providers in SSB](#)

[Creating Tables](#)

[Monitoring SQL Stream jobs](#)