

Monitoring SQL jobs

Date published: 2019-12-17

Date modified: 2021-03-25



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Monitoring SQL Stream jobs

You can monitor your SQL Stream jobs using the Streaming SQL Console and the Flink Dashboard.

Using the Streaming SQL Console

To monitor your jobs with Streaming SQL Console:

1. Click on Console on the main menu.
2. Click on the SQL Jobs tab, and choose a State.

You can choose between Running, Stopped, Cancelled and Failed state.

Console
Run SQL against unbounded streams of data and create persistent SQL streaming jobs

Compose Virtual Tables Functions History **SQL Jobs**

ID	Name	User	Start Time	Link	State	Duration	Actions
5211	N/A				STOPPED	0	
5210	N/A				STOPPED	0	

STOPPED

3. Select the job you would like to monitor.
4. Select the Details tab on the bottom panel.

Details [Log](#)

Edit Selected Job

Property	Value
Job Name	nostalgic_varahamihira
Sources	transactions
Sinks	No sinks defined
SQL	select * from transactions
Parallelism	1 thread(s)
Restart Strategy	never
Restart Retry Delay	30
Sample Behavior	Sample one message every second

5. Select the Log tab on the bottom panel.

Details [Log](#)

```
[13/03/2021, 23:21:03][INFO] INFO - 2021-03-11 07:05:42.962415 : Job metadata saved
[13/03/2021, 23:21:03][INFO] INFO - 2021-03-11 07:05:42.966885 : SSB version 1.12-csal.3.0.0 selected for job.
[13/03/2021, 23:21:03][INFO] INFO - 2021-03-11 07:05:52.767321 : Successful job deployment to: 
[13/03/2021, 23:21:03][INFO] INFO - 2021-03-11 07:05:52.788035 : Free slots remaining: 0
[13/03/2021, 23:21:03][INFO] INFO - 2021-03-11 07:05:52.792427 : Generated Flink ID: f8ae0fd054584e9142c7f310439b433b
```

The Logs tab shows detailed logging from the Flink job itself - any exceptions will be logged here. As the job processes messages, a count of messages processed is spooled to the log every 5 seconds:

```
8/13/2019, 9:42:49 AM - INFO - 2019-08-08 19:24:17.752157 : 5 Second Count :
2502
```

History of SQL jobs

You can review all the SQL jobs that were executed on the History main tab. When you click on one of the SQL jobs, the SQL query and the job parameters will be automatically imported to the SQL window for execution. You can filter the SQL jobs by the Last time they run or by the SQL statement that was executed before.

Console
Run SQL against unbounded streams of data and create persistent SQL streaming jobs

Compose Virtual Tables Functions **History** SQL Jobs

Search:

Last Run	SQL
2021/03/10 07:58:19 (3 days ago)	select * from transactions

Showing 21 to 21 of 21 entries

Previous 1 2 3 Next

Using the Flink Dashboard

You can also monitor your running SQL jobs using the Flink Dashboard. You can easily reach the Flink Dashboard on the SQL jobs tab under the Console main menu. When clicking on the Flink Dashboard, you will be redirected to the Flink Dashboard interface.

Console
Run SQL against unbounded streams of data and create persistent SQL streaming jobs

Compose Virtual Tables Functions History **SQL Jobs**

ID	Name	User	Start Time	Link	State	Duration	Actions
5199	cranky_saha	admin	11 minutes ago	Flink Dashboard	RUNNING	11m	Stop
5197	priceless_ramanujan	admin	an hour ago	Flink Dashboard	RUNNING	47m	Stop

RUNNING ▼

Previous 1 Next