

How to get spark driver log for data flow activity run

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

Contents

- [Step 1](#)
- [Step 2](#)
- [Step 3](#)
- [Additional Information:](#)

Step 1

Find your pipeline run information here: Synapse workspace -> Monitor -> Pipeline runs

1.1 click corresponding pipeline name

1.2 Get Activity ID here:

Get activity run id, you need activity run id to identify spark application.

Step 2

Find your driver log here: Synapse workspace -> Monitor -> Apache Spark applications According to the Activity Run ID , you will find corresponding Application name. Click it to get driver log.

Microsoft Azure | Synapse Analytics | germanycproddataflowrunnerdep3

Your browser is blocking third party cookies, this can happen if you are in incognito mode or have an ad blocker enabled. Please go to your browser privacy settings to verify that it is not blocking third party cookies. Learn more [here](#)

Integration

- Pipeline runs
- Trigger runs
- Integration runtimes

Activities

- Apache Spark applications**
- SQL requests
- Data flow debug

Analytics pools

- SQL pools
- Apache Spark pools

Apache Spark applications

Input Activity Run ID to filter the Corresponding Application name

7a25e9e3-6031-49d3-a0f... Beijing, Chongqing, ... : Last 24 hours Status : All Add filter

Showing 1 - 1 of 1 items

Application name	Submitter	Submit time	Status	Pool	Type	Attempts	Livy ID
Dataflow_7a25e9e3-6031-49d3-a0f...	ee20d9e7-6295-4240-ba3f-c37f	3/4/21, 1:32:19 PM	Succeeded	systemreservedpool-dataflow	Batch job	All Attempts	8574

Step 3

After clicking corresponding application name, click "Logs".

Microsoft Azure | Synapse Analytics | germanycproddataflowrunnerdep3

Your browser is blocking third party cookies, this can happen if you are in incognito mode or have an ad blocker enabled. Please go to your browser privacy settings to verify that it is not blocking third party cookies. Learn more [here](#)

Integration

- Pipeline runs
- Trigger runs
- Integration runtimes

Activities

- Apache Spark applications**
- SQL requests
- Data flow debug

Analytics pools

- SQL pools
- Apache Spark pools

Apache Spark applications > Livy ID 8396

Dataflow_30daba16-c16f-4dd7-9233-7d2cd44e4953

Completed tasks 610 of 610 Status Succeeded Total duration 5m 34s

Refresh Compare applications Spark history server

Attempts 1 of 1

All job IDs View Progress Playback 0 ms / 2 min 10 sec 756 ms

Stage 0 Job 0

Task 1

Duration: 0 sec 40 ms

Rowset 1

Data read: 64.0 KB

Data written: 0 bytes

View details

Stage 1 Job 1

Task 1

Duration: 202 ms

Rowset 1

Data read: 64.0 KB

Data written: 0 bytes

View details

Stage 2 Job 2

Task 2

Duration: 2 sec 999 ms

Rowset 1

Data read: 5.5 MB

Data written: 0 bytes

View details

Stage 3 Job 3

Task 2

Duration: 3 sec 175 ms

Rowset 1

Data read: 8.0 MB

Data written: 1.5 KB

View details

Stage 4 Job 4

Task 200

Duration: 0 sec 315 ms

Rowset 246

Data read: 1.5 KB

Data written: 12.4 KB

View details

Stage 5 Job 5

Task 2

Duration: 216 ms

Rowset 10

Data read: 5.0 MB

Data written: 378 bytes

View details

Stage 6 Job 6

Task 200

Duration: 4 sec 97 ms

Rowset 6

Data read: 378 bytes

Data written: 3.0 KB

View details

Stage 7 Job 7

Task 2

Duration: 347 ms

Rowset 14

Data read: 2.3 MB

Data written: 812 bytes

View details

Stage 8 Job 8

Task 200

Duration: 0 sec 320 ms

Rowset 13

Data read: 812 bytes

Data written: 191 bytes

View details

Diagnostics

- Logs**
- Failed jobs
- Data skew
- Time skew
- Executor utilization

Microsoft Azure Synapse Analytics | myanalytics | myanalytics | testuser1@arcadianrunner.onmicrosoft.com | ARCADIANRUNNER

Your browser is blocking third party cookies, this can happen if you are in incognito mode or have an ad blocker enabled. Please go to your browser privacy settings to verify that it is not blocking third party cookies. Learn more

Apache Spark applications - Lry ID 8096

Dataflow_30daba16-c16f-4dd7-9233-7d2cd44e4953
Completed tasks 610 of 610 Status Succeeded Total duration 5m 34s

Refresh Compare applications Spark history server

Attempts 1 of 1
All job IDs View Progress Playback 0 ms / 2 min 10 sec 756 ms

Activities
Apache Spark applications
SQL requests
Data flow debug
Analytics pools
SQL pools
Apache Spark pools

Stage 0
Task 0
Duration: 0 and 40 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 1
Task 1
Duration: 2 and 150 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 2
Task 2
Duration: 2 and 169 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 3
Task 3
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 4
Task 4
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 5
Task 5
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 6
Task 6
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 7
Task 7
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Stage 8
Task 8
Duration: 2 and 175 ms
Reason: SUCCESS
Data written: 0 Bytes
View details

Diagnostics Logs
Driver stider Search
Last modified Wed Mar 03 06:07:33 +0000 2021
Length 501188
Showing logs since 3:36:32 PM, 3/3/2021. Load older logs

started=false
21/03/03 06:07:33 INFO MapOutputTrackerMasterEndpoint: MapOutputTrackerMasterEndpoint stopped!
21/03/03 06:07:33 INFO MemoryStore: MemoryStore cleared
21/03/03 06:07:33 INFO BlockManager: BlockManager stopped
21/03/03 06:07:33 INFO BlockManagerMaster: BlockManagerMaster stopped
21/03/03 06:07:33 INFO OutputCommitCoordinatorOutputCommitCoordinatorEndpoint: OutputCommitCoordinator stopped!
21/03/03 06:07:33 INFO SparkContext: Successfully stopped SparkContext
21/03/03 06:07:33 INFO ApplicationMaster: Unregistering ApplicationMaster with SUCCESS
21/03/03 06:07:33 INFO AMRMClientImpl: Waiting for application to be successfully unregistered.
21/03/03 06:07:33 INFO ApplicationMaster: Deleting staging directory wasbs://7877b0cf2-79a0-4c14-9d0e-e7bae24973d1@igispdmshrhjtcy091fqs.blob.core.windows.net/user/trusted-service-user/.sparkstaging/application_1614751376814_0001
21/03/03 06:07:33 INFO AzureFilesystemThreadPoolsExecutor: Disabling threads for delete operation as thread count 0 is < 1
21/03/03 06:07:33 INFO ShutdownHookManager: Shutdown hook called
21/03/03 06:07:33 INFO ShutdownHookManager: Deleting directory /mnt/var/hadoop/tmp/m-local_dir/user/apache/trusted-service-user/apache/application_1614751376814_0001/spark-c0db0e7d-3010-4ca1-b352-853c0e0e3208
21/03/03 06:07:33 INFO MetricsSystemImpl: Stopping azure-file-system metrics system...

Click "Download logs"

Download logs
Filter errors and warnings

- Icm Reference: N/A
- Author: Zhuoyang Zhang
- Reviewer: Shawn Xiao
- Keywords: Synapse Workspace, driver log

