

macbookproret.t.b — bash — 158x38

Last login: Mon May 3 18:58:23 on ttys001
You have new mail.

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit <https://support.apple.com/kb/HT208050>.
[(base) oppo-reno2-z:~ macbookproret.t.b\$ docker-compose up -d
Docker Compose is now in the Docker CLI, try `docker compose up`

Recreating zookeeper ... done
Recreating broker ... done
Recreating schema-registry ... done
Recreating rest-proxy ... done
Recreating connect ... done
Recreating ksqldb-server ... done
Recreating control-center ... done
Recreating ksql-datagen ... done
Recreating ksqldb-cli ... done

[(base) oppo-reno2-z:~ macbookproret.t.b\$ docker-compose ps

Name	Command	State	Ports
broker	/etc/confluent/docker/run	Up	0.0.0.0:9092->9092/tcp, 0.0.0.0:9101->9101/tcp
connect	/etc/confluent/docker/run	Up	0.0.0.0:8083->8083/tcp, 9092/tcp
control-center	/etc/confluent/docker/run	Up	0.0.0.0:9021->9021/tcp
ksql-datagen	bash -c echo Waiting for K ...	Up	
ksqldb-cli	/bin/sh	Up	
ksqldb-server	/etc/confluent/docker/run	Up	0.0.0.0:8088->8088/tcp
rest-proxy	/etc/confluent/docker/run	Up	0.0.0.0:8082->8082/tcp
schema-registry	/etc/confluent/docker/run	Up	0.0.0.0:8081->8081/tcp
zookeeper	/etc/confluent/docker/run	Up	0.0.0.0:2181->2181/tcp, 2888/tcp, 3888/tcp

[(base) oppo-reno2-z:~ macbookproret.t.b\$

localhost:9021/clusters

CONFLUENT

Home

1 Healthy clusters 0 Unhealthy clusters

Search cluster name or id

controlcenter.cluster

Running

Overview

Brokers	1
Partitions	188
Topics	61
Production	3.97KB/s
Consumption	3.62KB/s

Connected services

ksqlDB clusters	1
Connect clusters	1

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/overview

Overview

Brokers

Brokers	1	16.88K	12.08K
Total		Production (bytes / second)	Consumption (bytes / second)

Topics

Topics	61	273	0	0
Total		Partitions	Under replicated partitions	Out-of-sync replicas

Connect

Connect	1	0	0	0
Clusters		Running	Paused	Degraded
				Failed

ksqlDB

ksqlDB	1	0
Clusters		Running queries

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/topics

Topics

Topics	Search topics	<input checked="" type="checkbox"/> Hide internal topics	+ Add a topic						
Connect	Topics	Availability						Throughput	
ksqldb	Topic name	Partitions	Under replicated	Followers	Out of sync	Observers	Out of sync	Produced	Consumed
Consumers	default_ksql_processing_log	1	0	1	0	0	0	--	--
Replicators	docker-connect-configs	1	0	1	0	0	0	0B/s	0B/s
Cluster settings	docker-connect-offsets	25	0	25	0	0	0	--	0B/s
	docker-connect-status	5	0	5	0	0	0	--	0B/s

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/overview

Overview

Brokers

Brokers	1	16.88K	12.08K
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Topics

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Connect

Connect	1	0	0	0
Clusters		Running	Paused	Degraded
				Failed

ksqlDB

ksqlDB	1	0
Clusters		Running queries

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/create-topic

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > TOPICS >

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Topic name*

Number of partitions*

Create with defaults

Customize settings

Cancel

Topic Summary

name	pageviews
partitions	1
replication.factor	3
cluster	controlcenter.cluster
min.insync.replicas	2
cleanup.policy	delete
retention.ms	604800000
retention.bytes	-1
max.message.bytes	1048588
compression.type	producer

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/topics/pageviews/overview

pageviews

Cluster overview

Brokers

Topics Overview Messages Schema Configuration

Connect

ksqldb

Consumers

Replicators

Cluster settings

Production

Bytes per second

Consumption

Bytes per second

Availability

Under replicated partitions

Out of sync followers

Storage ?

Bytes of total data

Search partitions

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/topics/users/overview

Topic created

HOME > CONTROLCENTER.CLUSTER > TOPICS >

users

Brokers

Topics Overview Messages Schema Configuration

Connect

ksqldb

Consumers

Replicators

Cluster settings

Production

— —

Bytes per second

Consumption

— —

Bytes per second

Availability

— —

Under replicated partitions

— —

Out of sync followers

Storage ?

— —

Bytes of total data

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect

CONFLUENT

HOME > CONTROLCENTER.CLUSTER >

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Connect Clusters

Search

Cluster name	Total connectors	Running connectors	Degraded connectors	Failed connectors	Paused connectors
connect-default	0	0	0	0	0

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > CONNECT CLUSTERS > CONNECT-DEFAULT >

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Connectors

Connectors
0
Total
0
Running
0
Degraded
0
Failed
0
Paused

You haven't added any connectors yet

Bring data into or out of your cluster

[Add connector](#) [Learn more](#)



localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors/browse

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > CONNECT CLUSTERS > CONNECT-DEFAULT > CONNECTORS >

Browse

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Filter by category

Upload connector config file

DatagenConnector

Source

Select

FileStreamSinkConnector

Sink

Select

FileStreamSourceConnector

Source

Select

MirrorCheckpointConnector

Source

Select

MirrorHeartbeatConnector

Source

Select

MirrorSourceConnector

Source

Select

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors/new-source/io.confluent.kafka.connect.datagen.DatagenCon...

Add Connector

01 Setup connection 02 Test and verify

How should we connect to your data?

Common

Transforms

Predicates

Error Handling

Topic Creation

General

Additional Properties

How should we connect to your data?

Connector class: `io.confluent.kafka.connect.datagen.DatagenConnector`

Name: `DatagenConnectorConnector_0`

Common

Tasks max: `100`

Key converter class: `org.apache.kafka.connect.json.JsonConverter`

Value converter class: `org.apache.kafka.connect.json.JsonConverter`

Header converter class: `org.apache.kafka.connect.json.JsonHeaderConverter`

Reload Action: `None`

Transforms

Transforms: `None`

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors/new-source/io.confluent.kafka.connect.datagen.DatagenCon...

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > CONNECT CLUSTERS > CONNECT-DEFAULT > CONNECTORS > SOURCES >

Add Connector

01 Setup connection 02 Test and verify

```
{  
  "name": "datagen-pageviews",  
  "connector.class": "io.confluent.kafka.connect.datagen.DatagenConnector",  
  "key.converter": "org.apache.kafka.connect.storage.StringConverter",  
  "kafka.topic": "pageviews",  
  "max.interval": "100",  
  "quickstart": "pageviews"  
}
```

[Launch](#) [Back](#) [Download connector config file](#)

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors

Connectors

Status	Name	Category	Plugin name	Topics	Number of tasks
Running	datagen-pagevi...	Source	DatagenConnec...	--	1

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors/new-source/io.confluent.kafka.connect.datagen.DatagenCon...

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > CONNECT CLUSTERS > CONNECT-DEFAULT > CONNECTORS > SOURCES >

Add Connector

01 Setup connection 02 Test and verify

```
{  
  "name": "datagen-users",  
  "connector.class": "io.confluent.kafka.connect.datagen.DatagenConnector",  
  "key.converter": "org.apache.kafka.connect.storage.StringConverter",  
  "kafka.topic": "users",  
  "max.interval": "1000",  
  "quickstart": "users"  
}
```

[Launch](#) [Back](#) [Download connector config file](#)

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/connect/connect-default/connectors

Connectors

Status	Name	Category	Plugin name	Topics	Number of tasks
Running	datagen-users	Source	DatagenConnec...	--	1
Running	datagen-pagevi...	Source	DatagenConnec...	--	1

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql

CONFLUENT

HOME > CONTROLCENTER.CLUSTER >

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

ksqlDB Application

Name	Properties	Running queries	Registered streams	Registered tables
ksqlDB1		0	1	0

Search

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Enrolment form

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqlb1/editor?command=CREATE%20STREAM%20PAGEVIEWS%0A%20%20%20%28VIEWTIME%20BIGI...

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

ksqlb1

Editor Flow Streams Tables Running queries

```
1 CREATE STREAM PAGEVIEWS
2   (VIEWTIME BIGINT, USERID VARCHAR, PAGEID varchar)
3   WITH (KAFKA_TOPIC='pageviews', VALUE_FORMAT='AVRO');
```

[Add query properties](#)

Stop Run query

```
0 {
1   "@type": "currentStatus",
2   "statementText": "CREATE STREAM PAGEVIEWS (VIEWTIME BIGINT, USERID STRING, PAGEID STRING) WITH (KAFKA_TOPIC='pagevie",
3   "commandId": "stream`PAGEVIEWS`/create",
4   "commandStatus": {
5     "status": "SUCCESS",
6     "message": "Stream created",
7     "queryId": null
8   },
9   "commandSequenceNumber": 2,
10  "warnings": []
11 }
```

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqlb1/editor?command=CREATE%20TABLE%20USERS%0A%20%20%20%28USERID%20VARCHAR%20... + 

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CONFLUENT Search 

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview **ksqlb1** All available streams and tables

Brokers **Editor** **Streams** **Tables** **Running queries**

Topics **ksqlDB** **PAGEVIEWS** **USERS**

Connect

Consumers

Replicators

Cluster settings

`1 CREATE TABLE USERS
2 (USERID VARCHAR PRIMARY KEY, REGISTERTIME BIGINT, GENDER VARCHAR, REGIONID VARCHAR)
3 WITH (KAFKA_TOPIC='users', VALUE_FORMAT='AVRO');`

Add query properties **Stop** **Run query**

`0 {
1 "@type": "currentStatus",
2 "statementText": "CREATE TABLE USERS (USERID STRING PRIMARY KEY, REGISTERTIME BIGINT, GENDER STRING, REGIONID STRING",
3 "commandId": "table/`USERS`/create",
4 "commandStatus": {
5 "status": "SUCCESS",
6 "message": "Table created",
7 "queryId": null
8 },
9 "commandSequenceNumber": 4,
10 "warnings": []
11 }`

pageviews

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/topics/pageviews/overview

pageviews

Overview Messages Schema Configuration

Production

2.89K Bytes per second

Consumption

-- Bytes per second

Availability

0 of 1 Under replicated partitions

0 of 1 Out of sync followers

Storage

2.42MB Bytes of total data

Search partitions

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/management/topics/users/overview

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > TOPICS >

users

Brokers

Topics Overview Messages Schema Configuration

Connect

ksqldb

Consumers

Replicators

Cluster settings

Production

302 Bytes per second

Consumption

-- Bytes per second

Availability

0 of 1 Under replicated partitions

0 of 1 Out of sync followers

Storage ⓘ

222.43KB Bytes of total data

HOME > CONTROLCENTER.CLUSTER > TOPICS >

users

Brokers

Topics

ksqldb1

Brokers

Topics

Connect

ksqldb

Stream	Kafka topic			Data	
Name	Topic Name	Partitions	Replication	Key Format	Value Format
KSQSL_PROCESSING_LOG	default_ksql_p...	1	1	KAFKA	JSON
PAGEVIEWS	pageviews	1	1	KAFKA	AVRO

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/tables

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview

ksqldb1

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables **Running queries**

Search tables

Table	Kafka topic			Data	
Name	Topic Name	Partitions	Replication	Key Format	Value Format
USERS	users	1	1	KAFKA	AVRO

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=select%20%2A%20from%20PAGEVIEWS%20EMIT%20CHANGES%3B&pro...

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

```
1 select * from PAGEVIEWS EMIT CHANGES;
```

Add query properties

Running... Stop Run query

Data structure

STREAM

Total messages

Messages/sec

Total message bytes

Message fields

- VIEWTIME
- USERID
- PAGEID

Filter by keyword

VIEWTIME	USERID	PAGEID
1931	User_9	Page_14
1921	User_1	Page_14
1911	User_4	Page_62
1901	User_8	Page_75
1891	User_8	Page_23

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=select%20%2A%20from%20PAGEVIEWS%20EMIT%20CHANGES%3B&pro... ☆ ir2 fb g h o l u z ? +

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CONFLUENT

Editor Flow Streams Tables Running queries

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

1 select * from PAGEVIEWS EMIT CHANGES;

● Add query properties

auto.offset.reset = Earliest ✖

+Add another field

Running... Stop Run query

Data structure
STREAM

Total messages
--

Messages/sec
--

Total message bytes
--

Message fields

- VIEWTIME
- USERID
- PAGEID

Filter by keyword

VIEWTIME	USERID	PAGEID
8871	User_6	Page_36
8861	User_5	Page_39
8851	User_8	Page_34
8841	User_6	Page_70
8831	User_9	Page_98

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=select%20%2A%20from%20USERS%20EMIT%20CHANGES%3B&properties=

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

Search

All available streams and tables

St KSQL_PROCESSING_LOG

St PAGEVIEWS

Tb USERS

```
1 | select * from USERS EMIT CHANGES;
```

Add query properties

auto.offset.reset = Earliest

+Add another field

Stop Run query

Data structure

TABLE

Total messages

Messages/sec

Total message bytes

Message fields

- USERID
- REGISTERTIME

USERID	REGISTERTIME	GENDER	REGIONID
User_7	1505351114116	FEMALE	Region_7
User_1	1490293489586	FEMALE	Region_3
User_1	1518460310870	MALE	Region_7
User_8	1500476936323	MALE	Region_2
User_5	1488898964878	MALE	Region_4

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=SELECT%20PAGEID%20FROM%20PAGEVIEWS%20EMIT%20CHANGES%20LIMIT%203;

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

Search

All available streams and tables

St KSQL_PROCESSING_LOG

St PAGEVIEWS

Tb USERS

```
1 | SELECT PAGEID FROM PAGEVIEWS EMIT CHANGES LIMIT 3;
```

[Add query properties](#)

auto.offset.reset = Earliest

[+Add another field](#)

Data structure
STREAM

Total messages
--

Messages/sec
--

Total message bytes
--

Message fields

PAGEID

Page_11

Page_67

Page_68

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=SELECT%20PAGEID%20FROM%20PAGEVIEWS%20EMIT%20CHANGES%20LIMIT%203;

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

1 `SELECT PAGEID FROM PAGEVIEWS EMIT CHANGES LIMIT 3;`

[Add query properties](#)

`auto.offset.reset` = Latest

[+Add another field](#)

Data structure
STREAM

Total messages
--

Messages/sec
--

Total message bytes
--

Message fields

▪ PAGEID

Filter by keyword

PAGEID

Page_98

Page_21

Page_15

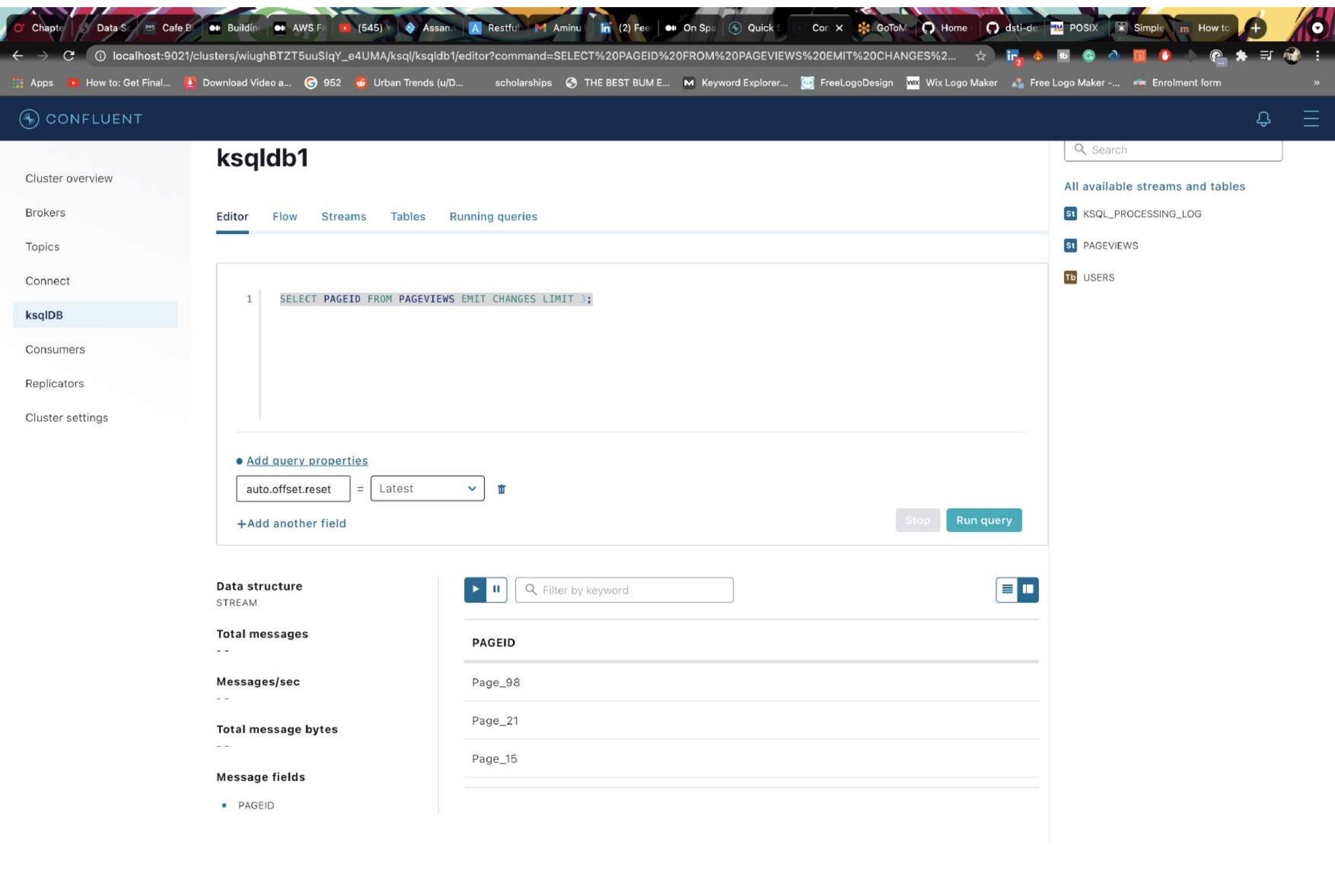
Search

All available streams and tables

St KSQL_PROCESSING_LOG

St PAGEVIEWS

Tb USERS



localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=CREATE%20STREAM%20PAGEVIEWS_FEMALE%0A%20%20%20AS%20E...

CONFLUENT

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

ksqldb1

Editor Flow Streams Tables Running queries

Search

All available streams and tables

- st KSQL_PROCESSING_LOG
- st PAGEVIEWS
- st PAGEVIEWS_FEMALE
- Tb USERS

```
1 CREATE STREAM PAGEVIEWS_FEMALE
2   AS SELECT USERS.USERID AS USERID, PAGEID, REGIONID
3   FROM PAGEVIEWS LEFT JOIN USERS ON PAGEVIEWS.USERID = USERS.USERID
4   WHERE GENDER = 'FEMALE'
5   EMIT CHANGES;
```

Add query properties

auto.offset.reset = Earliest

+Add another field

Stop Run query

```
0 {
1   "@type": "currentStatus",
2   "statementText": "CREATE STREAM PAGEVIEWS_FEMALE WITH (KAFKA_TOPIC='PAGEVIEWS_FEMALE', PARTITIONS=1, REPLICAS=1) AS :",
3   "commandId": "stream/`PAGEVIEWS_FEMALE`/create",
4   "commandStatus": {
5     "status": "SUCCESS",
6     "message": "Created query with ID CSAS_PAGEVIEWS_FEMALE_5",
7     "queryId": "CSAS_PAGEVIEWS_FEMALE_5"
8   },
9   "commandSequenceNumber": 6,
10  "warnings": []
11 }
```

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1streams?command=CREATE%20STREAM%20PAGEVIEWS_FEMALE%0A%20%20%20AS%20...

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview

ksqldb1

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

Search streams

Stream	Kafka topic	Replication	Data		
Name	Topic Name	Partitions	Key Format	Value Format	
PAGEVIEWS_FEMALE	PAGEVIEWS_F...	1	1	KAFKA	AVRO
KSQL_PROCESSING_LOG	default_ksql_p...	1	1	KAFKA	JSON
PAGEVIEWS	pageviews	1	1	KAFKA	AVRO

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=select%20*%20from%20PAGEVIEWS_FEMALE%20EMIT%20CHANGES...

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

```
1 select * from PAGEVIEWS_FEMALE EMIT CHANGES;
```

[Add query properties](#)

Running... Stop Run query

Data structure STREAM

Total messages

Messages/sec

Total message bytes

Message fields

- USERID
- PAGEID
- REGIONID

USERID	PAGEID	REGIONID
User_9	Page_67	Region_1
User_1	Page_48	Region_9
User_9	Page_97	Region_1
User_9	Page_63	Region_1
User_1	Page_94	Region_9

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqlb1/editor?command=CREATE%20STREAM%20PAGEVIEWS_FEMALE_LIKE_89%0A%20%20%20%20... *

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CONFLUENT

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview

ksqlb1

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

```
1 CREATE STREAM PAGEVIEWS_FEMALE_LIKE_89
2   WITH (kafka_topic='pageviews_enriched_r8_r9', value_format='AVRO')
3   AS SELECT * FROM PAGEVIEWS_FEMALE
4   WHERE REGIONID LIKE '%_8' OR REGIONID LIKE '%_9'
5   EMIT CHANGES;
```

[Add query properties](#) Stop Run query

```
0 {
1   "@type": "currentStatus",
2   "statementText": "CREATE STREAM PAGEVIEWS_FEMALE_LIKE_89 WITH (KAFKA_TOPIC='pageviews_enriched_r8_r9', PARTITIONS=1",
3   "commandId": "stream/'PAGEVIEWS_FEMALE_LIKE_89'/create",
4   "commandStatus": {
5     "status": "SUCCESS",
6     "message": "Created query with ID CSAS_PAGEVIEWS_FEMALE_LIKE_89_7",
7     "queryId": "CSAS_PAGEVIEWS_FEMALE_LIKE_89_7"
8   },
9   "commandSequenceNumber": 8,
10  "warnings": []
11 }
```

Search

All available streams and tables

- st KSQL_PROCESSING_LOG
- st PAGEVIEWS
- st PAGEVIEWS_FEMALE
- st PAGEVIEWS_FEMALE_LIKE_89
- tb USERS

ksqldb1

Brokers

Topics

Connect

ksqldb

Streams					
Stream	Kafka topic			Data	
	Name	Topic Name	Partitions	Replication	Key Format
PAGEVIEWS_FEMALE	PAGEVIEWS_F...	1	1	KAFKA	AVRO
PAGEVIEWS_FEMALE_LIKE_89	pageviews_enr...	1	1	KAFKA	AVRO
KSQSL_PROCESSING_LOG	default_ksql_p...	1	1	KAFKA	JSON
PAGEVIEWS	pageviews	1	1	KAFKA	AVRO

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

```
1 select * from PAGEVIEWS_FEMALE_LIKE_89 EMIT CHANGES;
```

[Add query properties](#)

Running... Stop Run query

Data structure
STREAM

Total messages
--

Messages/sec
--

Total message bytes
--

Message fields

- USERID
- PAGEID
- REGIONID

USERID	PAGEID	REGIONID
User_1	Page_79	Region_9
User_1	Page_98	Region_9
User_1	Page_80	Region_9
User_1	Page_94	Region_9
User_1	Page_27	Region_9

Confluent Control Center - Cluster: CONTROLCENTER.CLUSTER - KSQLDB

Cluster overview

ksqlDB1

Editor Flow Streams Tables Running queries

```
1 CREATE TABLE PAGEVIEWS_REGIONS
2   AS SELECT GENDER, REGIONID , COUNT(*) AS NUMUSERS
3   FROM PAGEVIEWS LEFT JOIN USERS ON PAGEVIEWS.USERID = USERS.USERID
4   WINDOW TUMBLING (size 30 second)
5   GROUP BY GENDER, REGIONID
6   HAVING COUNT(*) > 1
7   EMIT CHANGES;
```

Add query properties Stop Run query

```
0 {
1   "@type": "currentStatus",
2   "statementText": "CREATE TABLE PAGEVIEWS_REGIONS WITH (KAFKA_TOPIC='PAGEVIEWS_REGIONS', PARTITIONS=1, REPLICAS=1) AS",
3   "commandId": "table/`PAGEVIEWS_REGIONS`/create",
4   "commandStatus": {
5     "status": "SUCCESS",
6     "message": "Created query with ID CTAS_PAGEVIEWS_REGIONS_9",
7     "queryId": "CTAS_PAGEVIEWS_REGIONS_9"
8   },
9   "commandSequenceNumber": 10,
10  "warnings": []
11 }
```

All available streams and tables

- st KSQL_PROCESSING_LOG
- st PAGEVIEWS
- st PAGEVIEWS_FEMALE
- st PAGEVIEWS_FEMALE_LIKE_89
- tb PAGEVIEWS_REGIONS
- tb USERS

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/tables

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > KSQLDB

Cluster overview

ksqldb1

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables **Running queries**

Search tables

Table	Kafka topic			Data	
Name	Topic Name	Partitions	Replication	Key Format	Value Format
PAGEVIEWS_REGIONS	PAGEVIEWS_R...	1	1	KAFKA	AVRO
USERS	users	1	1	KAFKA	AVRO

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/ksql/ksqldb1/editor?command=select%20*%20from%20PAGEVIEWS_REGIONS%20EMIT%20CHANGES...

CONFLUENT

ksqldb1

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Editor Flow Streams Tables Running queries

```
1 select * from PAGEVIEWS_REGIONS EMIT CHANGES;
```

[Add query properties](#)

Running... [Stop](#) [Run query](#)

Data structure
TABLE

Total messages
--

Messages/sec
--

Total message bytes
--

Message fields

- KSQL_COL_0
- WINDOWSTART
- WINDOWEND
- NUMUSERS

Filter by keyword

KSQL_COL_0	WINDOWSTART	WINDOWEND	NUMUSERS
MALE + Region_5	1620063000000	1620063030000	22
MALE + Region_8	1620063000000	1620063030000	27
OTHER + Region_7	1620063000000	1620063030000	42
OTHER + Region_7	1620063000000	1620063030000	41
OTHER + Region_9	1620063000000	1620063030000	21

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups

Consumer groups

Consumer group	ID	Messages behind	Number of consumers	Number of topics
ConfluentTelemetryReporterSampler-4259298866659444908	ConfluentTelemetryReporterSampler-4259298866659444908	0	0	0
confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_89_7	confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_89_7	2	1	1
confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9	confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9	46	3	4
confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5	confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5	19	2	3
confluent-controlcenter-6-1-1-1	confluent-controlcenter-6-1-1-1	5,177	12	15
confluent-controlcenter-6-1-1-1-command	confluent-controlcenter-6-1-1-1-command	0	1	1

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups/_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5/l...

_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5

Consumer lag Consumption

15 Total Messages behind

-44 messages 5 second interval

Set up an alert

Current progress in processing

pageviews Max lag / consumer: 7 messages

confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5- Join-repartition Max lag / consumer: 7 messages

users Max lag / consumer: 1 message

Consumer ID	Topic Partition	Lag			
ID	Topic	Partition	Messages behind	Current offset	End offset

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups/_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_5/l...

CONFLUENT

Cluster overview

37

Total Messages behind

+29 messages
5 second interval

Brokers

Topics

Set up an alert

Current progress in processing

Connect

ksqlDB

Consumers

pageviews

Max lag / consumer: 18 messages

100 50 0

replicators

100 50 0

Cluster settings

confluent-ksql-
default_query_CSAS_PAGEVIEWS_FEMALE_5-
Join-repartition

Max lag / consumer: 17 messages

100 50 0

users

Max lag / consumer: 2 messages

10 5 0

Consumer	Topic Partition	Lag			
ID	Topic	Partition	Messages behind	Current offset	End offset
_confluent-ksql-default_query_CSAS...	pageviews	0	18	43939	43957
_confluent-ksql-default_query_CSAS...	_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEM...	0	17	43938	43955
_confluent-ksql-default_query_CSAS...	users	0	2	4063	4065

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups/_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_LIKE_89_7

HOME > CONTROLCENTER.CLUSTER > CONSUMER GROUPS >

_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_LIKE_89_7

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Consumer lag Consumption

2 Total Messages behind

-4 messages 5 second interval

Set up an alert

Current progress in processing

PAGEVIEWS_FEMALE

Max lag / consumer: 2 messages

10 5 0

Consumer ID	Topic Partition	Lag
	Topic	Messages behind
_confluent-ksql-default_query_CSAS...	PAGEVIEWS_FEMALE	2
		Current offset
		End offset

0 18355 18357

CONFLUENT

HOME > CONTROLCENTER.CLUSTER > CONSUMER GROUPS >

_confluent-ksql-default_query_CSAS_PAGEVIEWS_FEMALE_LIKE_89_7

Cluster overview

Brokers

Topics

Connect

ksqldb

Consumers

Replicators

Cluster settings

Consumer lag Consumption

2 Total Messages behind

-4 messages 5 second interval

Set up an alert

Current progress in processing

PAGEVIEWS_FEMALE

Max lag / consumer: 2 messages

10 5 0

Consumer ID	Topic Partition	Lag
	Topic	Messages behind
_confluent-ksql-default_query_CSAS...	PAGEVIEWS_FEMALE	2
		Current offset
		End offset

0 18355 18357

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups/_confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9...

CONFLUENT

_confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

Consumer lag Consumption

55 Total Messages behind

+11 messages 5 second interval

[Set up an alert](#)

Current progress in processing

pageviews
Max lag / consumer: 16 messages



100 50 0

confluent-ksql-
default_query_CTAS_PAGEVIEWS_REGIONS_9-
Join-repartition
Max lag / consumer: 24 messages



100 50 0

confluent-ksql-
default_query_CTAS_PAGEVIEWS_REGIONS_9-
Aggregate-GroupBy-repartition
Max lag / consumer: 12 messages



100 50 0

users
Max lag / consumer: 3 messages



100 50 0

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/monitoring/consumer/lag/consumerGroups/_confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9...

CONFLUENT

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

pageviews
Max lag / consumer: 35 messages

confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9-Join-repartition
Max lag / consumer: 3 messages

confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9-Aggregate-GroupBy-repartition
Max lag / consumer: 30 messages

users
Max lag / consumer: 0 messages

Consumer	Topic Partition	Lag			
ID	Topic	Partition	Messages behind	Current offset	End offset
_confluent-ksql-default_query_CTAS_...	pageviews	0	35	45825	45860
_confluent-ksql-default_query_CTAS_...	_confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9-...	0	3	45855	45858
_confluent-ksql-default_query_CTAS_...	_confluent-ksql-default_query_CTAS_PAGEVIEWS_REGIONS_9-Ag...	0	30	42379	42409
_confluent-ksql-default_query_CTAS_...	users	0	0	4253	4253

Containers / Apps



Search...

Sort by ▾

Images

Dev Environments

macbookprorettb
RUNNING

-  **zookeeper** [confluentinc/cp-zookeeper:6.1.1](#)
RUNNING PORT: 2181
-  **broker** [confluentinc/cp-server:6.1.1](#)
RUNNING PORT: 9092
-  **schema-registry** [confluentinc/cp-schema-registry:6.1.1](#)
RUNNING PORT: 8081
-  **rest-proxy** [confluentinc/cp-kafka-rest:6.1.1](#)
RUNNING PORT: 8082
-  **connect** [cnfdemos/cp-server-connect-dagagen:0.4.0-6.1.0](#)
RUNNING PORT: 8083
-  **ksqldb-server** [confluentinc/cp-ksqldb-server:6.1.1](#)
RUNNING PORT: 8088
-  **ksqldb-cli** [confluentinc/cp-ksqldb-cli:6.1.1](#)
RUNNING
-  **ksql-dagagen** [confluentinc/ksqldb-examples:6.1.1](#)
RUNNING
-  **control-center** [confluentinc/cp-enterprise-control-center:6.1.1](#)
RUNNING PORT: 9021



Containers / Apps

Images

Dev Environments

Images on disk

10 images

Total size: 10.88 GB

IN USE

UNUSED

Clean up...

LOCAL REMOTE REPOSITORIES

Search

Sort by ▾

		TAG	IMAGE ID	CREATED	SIZE
confluentinc/ksqldb-examples	IN USE	6.1.1	409750136a25	about 2 months ago	775.29 MB
confluentinc/cp-server	IN USE	6.1.1	047546683006	about 2 months ago	1.4 GB
confluentinc/cp-zookeeper	IN USE	6.1.1	3ae87a8bfa8d	about 2 months ago	747.71 MB
confluentinc/cp-ksqldb-server	IN USE	6.1.1	509077af5523	about 2 months ago	1.15 GB
confluentinc/cp-ksqldb-cli	IN USE	6.1.1	2d05bf7f2e67	about 2 months ago	814.33 MB
confluentinc/cp-schema-registry	IN USE	6.1.1	da6faa496d94	about 2 months ago	1.47 GB
confluentinc/cp-kafka-rest	IN USE	6.1.1	e779a026ac79	about 2 months ago	1.42 GB
confluentinc/cp-enterprise-control-c...	IN USE	6.1.1	4960ced3cb6c	about 2 months ago	1.05 GB
cnfldemos/cp-server-connect-datagen	IN USE	0.4.0-6.1.0	020d28a7c4a3	3 months ago	1.84 GB
johnny06jupy		latest	d46b359ac0e4	about 1 year ago	4.84 GB



```
macbookproret.t.b - -bash - 158x38
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) oppo-reno2-z:~ macbookproret.t.b$ docker-compose up -d
Docker Compose is now in the Docker CLI, try `docker compose up` 

Recreating zookeeper ... done
Recreating broker ... done
Recreating schema-registry ... done
Recreating rest-proxy ... done
Recreating connect ... done
Recreating ksqldb-server ... done
Recreating control-center ... done
Recreating ksql-datagen ... done
Recreating ksqldb-cli ... done
(base) oppo-reno2-z:~ macbookproret.t.b$ docker-compose ps
          Name           Command           State           Ports
-----+-----+-----+-----+-----+
broker           /etc/confluent/docker/run   Up    0.0.0.0:9092->9092/tcp, 0.0.0.0:9101->9101/tcp
connect          /etc/confluent/docker/run   Up    0.0.0.0:8083->8083/tcp, 9092/tcp
control-center   /etc/confluent/docker/run   Up    0.0.0.0:9021->9021/tcp
ksql-datagen    bash -c echo Waiting for K ... Up
ksqldb-cli       /bin/sh                   Up
ksqldb-server    /etc/confluent/docker/run   Up    0.0.0.0:8088->8088/tcp
rest-proxy        /etc/confluent/docker/run   Up    0.0.0.0:8082->8082/tcp
schema-registry  /etc/confluent/docker/run   Up    0.0.0.0:8081->8081/tcp
zookeeper        /etc/confluent/docker/run   Up    0.0.0.0:2181->2181/tcp, 2888/tcp, 3888/tcp
(base) oppo-reno2-z:~ macbookproret.t.b$ docker-compose stop
Stopping ksql-datagen ... done
Stopping control-center ... done
Stopping ksqldb-cli ... done
Stopping ksqldb-server ... done
Stopping rest-proxy ... done
Stopping connect ... done
Stopping schema-registry ... done
Stopping broker ... done
Stopping zookeeper ... done
You have new mail in /var/mail/macbookproret.t.b
(base) oppo-reno2-z:~ macbookproret.t.b$
```



Containers / Apps



Search...

Sort by ▾

Images

Dev Environments

macbookprorettb

EXITED (UNDEFINED)

-  **zookeeper** [confluentinc/cp-zookeeper:6.1.1](#)
EXITED (143) PORT: 2181
-  **broker** [confluentinc/cp-server:6.1.1](#)
EXITED (137) PORT: 9092
-  **schema-registry** [confluentinc/cp-schema-registry:6.1.1](#)
EXITED (143) PORT: 8081
-  **rest-proxy** [confluentinc/cp-kafka-rest:6.1.1](#)
EXITED (143) PORT: 8082
-  **connect** [cnfdemos/cp-server-connect-dagagen:0.4.0-6.1.0](#)
EXITED (143) PORT: 8083
-  **ksqldb-server** [confluentinc/cp-ksqldb-server:6.1.1](#)
EXITED (143) PORT: 8088
-  **ksqldb-cli** [confluentinc/cp-ksqldb-cli:6.1.1](#)
EXITED (0)
-  **ksql-dagagen** [confluentinc/ksqldb-examples:6.1.1](#)
EXITED (137)
-  **control-center** [confluentinc/cp-enterprise-control-center:6.1.1](#)
EXITED (143) PORT: 9021



localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/overview

Overview

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

Brokers

1 Total 16.88K Production (bytes / second) 12.08K Consumption (bytes / second)

Topics

61 Total 273 Partitions 0 Under replicated partitions 0 Out-of-sync replicas

Connect

1 Clusters 2 Running 0 Paused 0 Degraded 0 Failed

ksqlDB

1 Clusters 3 Running queries

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/brokers

Brokers overview

Brokers

- Topics
- Connect
- ksqlDB
- Consumers
- Replicators
- Cluster settings

Production
16.88K bytes / second

Consumption
12.08K bytes / second

Partitioning and replication

61 Topics	273 Partitions	273 Replicas
-----------	----------------	--------------

Active controller
--
Broker ID

ZooKeeper
Yes
ZooKeeper connected

Disk
2 Max usage (MB) 2 Min usage (MB)

localhost:9021/clusters/wiughBTZT5uuSlqY_e4UMA/brokers

CONFLUENT

Cluster overview

Brokers

Topics

Connect

ksqlDB

Consumers

Replicators

Cluster settings

Disk

2 Max usage (MB)

2 Min usage (MB)

Tiered storage

Tiered Storage improves elasticity, data retention, and saves you money.

[Turn it on](#)

System

0.40% Network pool usage

0.10% Request pool usage

Search brokers

Brokers	Throughput		Latency (fetch)				Latency (prc 99.9th %ile)
	Name	Bytes in/sec	Bytes out/sec	99.9th %ile	99th %ile	95th %ile	
broker.1	16.88KB	12.08KB	530ms	510ms	500ms	500ms	230ms