

1. Adding Travel-Sample data.

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Accolite > Settings

GeneralAuto-CompactionEmail AlertsSample Buckets

Sample Buckets

Sample buckets contain example data, views, and indexes for your experimentation.

Sample buckets — like all buckets in Couchbase Server 5.0+ — can only be accessed by a user with privileges for that bucket.

Available Samples

☐ beer-sample

☐ gamesim-sample

☒ travel-sample

Installed Samples

none

Load Sample Data

Travel-sample data is loaded.

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ADD BUCKET

filter buckets...

name	items	resident	ops/sec	RAM used/quota	disk used	
test	28,579	100%	0	57.8MB / 4.43GB	30.5MB	Documents Statistics
travel-sample	31,591	90.8%	0	69MB / 100MB	33.7MB	Documents Statistics

2. select sum(distance) from `travel-sample` where type='route' group by id;

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Views

Query Editor

< history (9/9) >

1 select sum(distance) from `travel-sample` where type='route' group by id;

Execute

Explain

External Query Advisor

success

2 min ago

elapsed: 2.4s

execution: 2.4s

docs: 24024

size: 945889 bytes

format

Query Results

TableJSONTreePlanPlan Text

1+ [

2+ {

3+ "\$1": 902.4820297714215

4+ },

5+ {

6+ "\$1": 1948.932210795078

7+ },

8+ {

9+ "\$1": 2602.666579396661

10+ },

11+ {

12+ "\$1": 315.87808983579134

13+ };

Data Insights

Queryable By Doc ID Only

test

sampled 1000

▶ `stops` = 0, `type` = "route"

▶ `type` = "landmark"

▶ `type` = "hotel"

▶ `type` = "airline"

▶ `type` = "airport"

Refresh

3.a select * from `travel-sample` route right join `travel-sample` airline on route.type='route' and airline.type='airline' where route.sourceairport='SFO' limit 1000;

The screenshot shows the Query Editor interface with a query that performs a right join between the 'route' and 'airline' tables. The query filters for 'route.type' = 'route' and 'airline.type' = 'airline', and restricts results to 'route.sourceairport' = 'SFO' with a limit of 1000. The 'Query Results' section displays the first document in JSON format, showing an 'airline' object with details like 'callsign', 'country', 'iata', 'icao', 'id', 'name', and 'type', and a 'route' object. The 'Data Insights' panel on the right shows a 'test' section with a list of document types: 'stops' = 0, 'type' = 'route', 'type' = 'landmark', 'type' = 'hotel', 'type' = 'airline', and 'type' = 'airport'.

3.b select * from `travel-sample` route left join `travel-sample` airline on route.type='route' and airline.type='airline' where route.sourceairport='SFO' limit 1000;

The screenshot shows the Query Editor interface with a query that performs a left join between the 'route' and 'airline' tables. The query filters for 'route.type' = 'route' and 'airline.type' = 'airline', and restricts results to 'route.sourceairport' = 'SFO' with a limit of 1000. The 'Query Results' section displays the first document in JSON format, showing an 'airline' object with details like 'callsign', 'country', 'iata', 'icao', 'id', 'name', and 'type', and a 'route' object. The 'Data Insights' panel on the right shows a 'test' section with a list of document types: 'stops' = 0, 'type' = 'route', 'type' = 'landmark', 'type' = 'hotel', 'type' = 'airline', and 'type' = 'airport'.

3.c select * from `travel-sample` route inner join `travel-sample` airline on route.type='route' and airline.type='airline' where route.sourceairport='SFO' limit 1000;

The screenshot shows the Query Editor interface with a query that performs an inner join between the 'route' and 'airline' tables. The query filters for 'route.type' = 'route' and 'airline.type' = 'airline', and restricts results to 'route.sourceairport' = 'SFO' with a limit of 1000. The 'Query Results' section displays the first document in JSON format, showing an 'airline' object with details like 'callsign', 'country', 'iata', 'icao', 'id', 'name', and 'type', and a 'route' object. The 'Data Insights' panel on the right shows a 'test' section with a list of document types: 'stops' = 0, 'type' = 'route', 'type' = 'landmark', 'type' = 'hotel', 'type' = 'airline', and 'type' = 'airport'.

4. select type, count(*) from `travel-sample` group by type;

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Query Editor

< history (16/16) >

1

select type, count(*) from `travel-sample` group by type;

Execute

Explain

External Query Advisor

success just now | elapsed: 2.2s | execution: 2.2s | docs: 5 | size: 261 bytes

format

Query Results

Table

JSON

Tree

Plan

Plan Text

1

{

2

3

4

5

6

7

8

9

10

11

12

13

14

{

Data Insights

Queryable Buckets

travel-sample

sampled 1000 of 31591

stops' = 0, 'type' = "route"

83.5%

'type' = "landmark"

10.6%

'type' = "hotel"

1.5%

'country' = "United States", 'type' = "a"

'type' = "airport"

3.8%

Indexes

Queryable By Doc ID Only

Test-Bucket

sampled 1000 of 28579

stops' = 0, 'type' = "route"

80.4%

'type' = "landmark"

11.3%

'type' = "hotel"

2.5%

'type' = "airline"

0.7%

'type' = "airport"

5.1%

Query Results

Table

JSON

Tree

Plan

Plan Text

\$1	type
4495	landmark
24024	route
187	airline
1968	airport
917	hotel

5.

```
Microsoft Windows [Version 10.0.17763.1518]
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C:\Users\Navneet>cd..

C:\Users>cd..

C:\>cd "Program Files"

C:\Program Files>cd Couchbase

C:\Program Files\Couchbase>cd Server

C:\Program Files\Couchbase\Server>cd bin

C:\Program Files\Couchbase\Server\bin>
```

Dashboard	filter buckets...					
Servers	name	items	resident	ops/sec	RAM used/quota	disk used
Buckets	Test-Bucket	0	100%	0	30.5MB / 4.43GB	13.5KB Documents Statistics
XDCR	travel-sample	31,591	90.5%	0	68.9MB / 100MB	33.7MB Documents Statistics
Security						
Settings						
Logs						
Documents						
Query						
Indexes						

