

ermain

postgres@localhost [9]

Alrport (11).sql

Alrport (12).sql

holiday (1).sql

console [postgres@localhost [9]]

holiday.sql

Airport (8).sql

postgres@localhost [9]

postgres.public

1

2

CREATE INDEX idx_actual_departure ON Flights(actual_departure_time);

Indexing...

Services

Database

postgres

postgres.public

postgres.public

[2024-11-07 10:45:43] Connected

[2024-11-07 10:45:43] completed in 5 s 975 ms

postgres> CREATE INDEX idx_actual_departure ON Flights(actual_departure)

[2024-11-07 10:45:43] [42703] ОШИБКА: столбец "actual_departure" не существует

postgres.public> CREATE INDEX idx_actual_departure ON Flights(actual_departure)

[2024-11-07 10:45:43] [42703] ОШИБКА: столбец "actual_departure" не существует

postgres.public> CREATE INDEX idx_actual_departure ON Flights(actual_departure_time)

[2024-11-07 10:46:44] completed in 13 ms

15

Downloads

holiday.sql

1:66

LF

UTF-8

4 spaces

Services

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postgres@localhost [9]

Alrport (11).sql

Alrport (12).sql

holiday (1).sql

console [postgres@localhost [9]]

postgres.public

postgres@localhost [9]

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CREATE INDEX idx_departure_arrival_airport

ON Flights(departing_airport_id, arriving_airport_id);

Services

Tx

+

>

[2024-11-07 10:48:29] completed in 12 ms

postgres.public> CREATE INDEX idx_departure_arrival_airport

ON Flights(departure_airport_id, arrival_airport_id)

[2024-11-07 10:50:30] [42703] ОШИБКА: столбец "departure_airport_id" не существует

postgres.public> CREATE INDEX idx_departure_arrival_airport

ON Flights(departing_airport_id, arriving_airport_id)

[2024-11-07 10:50:48] completed in 4 ms

15 > Downloads > Airport (8).sql

3:1 LF UTF-8 4 spaces

ermain

holiday.sqlAirport (8).sqlconsole [postgres@localhost [9]]Alrport (11).sqlAlrport (12).sqlholiday (1).sql

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postgres.publicpostgres@localhost [9]

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EXPLAIN ANALYZE SELECT * FROM Flights WHERE departing_airport_id = 1 AND arriving_airport_id = 2;

Services

Txpostgres

OutputResult 4

5 rows

CSV

QUERY PLAN

1	Seq Scan on flights	(cost=0.00..1.06 rows=1 width=104) (actual time=0.013..0.014 rows=1 loops=1)
2	Filter:	((departing_airport_id = 1) AND (arriving_airport_id = 2))
3	Rows Removed by Filter:	3
4	Planning Time:	2.181 ms

15 > Downloads > Airport (8).sql

1:98 LF UTF-8 4 spaces

ermain

holiday.sqlAirport (8).sqlconsole [postgres@localhost [9]]Alrport (11).sqlAlrport (12).sqlholiday (1).sql

Playground

postgres.publicpostgres@localhost [9]

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11

12

CREATE UNIQUE INDEX idx_unique_passport_number ON Passengers(passport_number);

INSERT INTO Passengers (first_name, last_name, date_of_birth, gender, country_of_citizenship, country_of_residence, passport_number, created_at, updated_at)

VALUES (first_name 'John', last_name 'Doe', date_of_birth '1984-06-15', gender 'Male', country_of_citizenship 'USA', country_of_residence 'USA', passport_number 'US12345678', created_at CURRENT_TIMESTAMP);

INSERT INTO Passengers (first_name, last_name, date_of_birth, gender, country_of_citizenship, country_of_residence, passport_number, created_at, updated_at)

VALUES (first_name 'Jane', last_name 'Smith', date_of_birth '1990-03-22', gender 'Female', country_of_citizenship 'UK', country_of_residence 'UK', passport_number 'UK98765432', created_at CURRENT_TIMESTAMP);

Services

Tx

OutputResult 4

5 rows

CSV

Download

Copy

QUERY PLAN

1 Seq Scan on flights (cost=0.00..1.06 rows=1 width=104) (actual time=0.013..0.014 rows=1 loops=1)

2 Filter: ((departing_airport_id = 1) AND (arriving_airport_id = 2))

3 Rows Removed by Filter: 3

4 Planning Time: 2.181 ms

15 > Downloads > Airport (8).sql

6:101 LF UTF-8 4 spaces

ermain

holiday.sqlAirport (8).sqlconsole [postgres@localhost [9]]Alrport (11).sqlAlrport (12).sqlholiday (1).sql

Playground

postgres.publicpostgres@localhost [9]

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CREATE INDEX idx_passenger_details

ON Passengers(first_name, last_name, date_of_birth, country_of_citizenship);

EXPLAIN ANALYZE

SELECT * FROM Passengers

WHERE country_of_citizenship = 'Philippines' AND EXTRACT(YEAR FROM date_of_birth) = 1984;

Services

Tx

OutputResult 7-2

5 rows

CSV

Download

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QUERY PLAN

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Seq Scan on passengers (cost=0.00..1.12 rows=1 width=664) (actual time=0.012..0.012 rows=0 loops=1)

Filter: (((country_of_citizenship)::text = 'Philippines'::text) AND (EXTRACT(year FROM date_of_birth) = '1984'::numeric))

Rows Removed by Filter: 7

Planning Time: 0.499 ms

15 > Downloads > Airport (8).sql

8:1LFUTF-84 spaces

ermain

holiday.sqlAirport (8).sqlconsole [postgres@localhost [9]]Alrport (11).sqlAlrport (12).sqlholiday (1).sql

Playground

postgres.publicpostgres@localhost [9]

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SELECT * FROM pg_indexes WHERE tablename = 'passengers';

DROP INDEX idx_actual_departure;

DROP INDEX idx_unique_flight_no_scheduled_departure;

DROP INDEX idx_departure_arrival_airport;

DROP INDEX idx_unique_passport_number;

DROP INDEX idx_passenger_details;

Services

TxOutputpg_indexes

3 rows

CSV

	schema	table	index	tablespace	indexdef
1	public	passengers	idx_unique_passport_number	<null>	CREATE UNIQUE INDEX idx_unique_passport_number ON public.passeng...
2	public	passengers	idx_passenger_details	<null>	CREATE INDEX idx_passenger_details ON public.passengers USING bt...
3	public	passengers	passengers_pkey	<null>	CREATE UNIQUE INDEX passengers_pkey ON public.passengers USING b...

15DownloadsAirport (8).sql

9:1LFUTF-84 spaces