

1)

lab3/postgres@localhost

No limit

Query History

```
1 SELECT f.flight_no,
2         f.departure_airport_id,
3         f.arrival_airport_id,
4         a.airline_name
5 FROM flights f
6 JOIN airline a ON f.airline_id = a.airline_id
7 WHERE a.airline_name = 'Air Astana';
8
9
10
```

Data Output Messages Notifications

flight_no	departure_airport_id	arrival_airport_id	airline_name
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2)

Query History

```
1 SELECT f.flight_no,
2         dep.airport_name AS departure_airport
3 FROM flights f
4 JOIN airport dep ON f.departure_airport_id = dep.airport_id;
5
6
7
8
9
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 1

flight_no	departure_airport
IN-OR	Hana Airport
AU-NT	Longana Airport
TH-57	Delta County Airport
CA-NL	Elorza Airport
BR-PE	Figari Sud-Corse Airport
US-IN	Darchula Airport
ML-2	Akunaq Heliport
NA-CA	Zephyrhills Municipal Airport
ES-AN	Figari Sud-Corse Airport
TH-32	Fort Worth Alliance Airport
N7-WKO	Fort Worth Alliance Airport

Total rows: 1000 Query complete 00:00:00.183 CRLF Ln 5, Col 1

3)

Query History

```
1 SELECT a.airline_name
2 FROM airline a
3 LEFT JOIN flights f
4   ON a.airline_id = f.airline_id
5   AND DATE_TRUNC('month', f.scheduled_departure) =
6     DATE_TRUNC('month', CURRENT_DATE + INTERVAL '1 month')
7 WHERE f.flight_id IS NULL;
8
9
10
11
12
```

Data Output Messages Notifications

Showing rows: 1 to 50 | Page No: 1 | of 1 | < << > >>

	airline_name
1	SSL
2	CLY
3	YHB
4	KKL
5	IVA
6	GYA
7	YLP
8	BLD
9	YEK
10	SMM
11	KOO

Total rows: 50 | Query complete 00:00:00.151 | CRLF | Ln 8, Col 1

4)

Query History

```
1 SELECT p.first_name,
2       p.last_name,
3       f.flight_no
4 FROM passengers p
5 JOIN booking b ON p.passenger_id = b.passenger_id
6 JOIN booking_flight bf ON b.booking_id = bf.booking_id
7 JOIN flights f ON bf.flight_id = f.flight_id
8 WHERE f.flight_no = 'KC101';
9
10
11
12
13
14
```

Data Output Messages Notifications

first_name last_name flight_no

✓ Successfully run. Total query runtime: 95 msec. 0 rows affected. ×

Total rows: 0 | Query complete 00:00:00.095 | CRLF | Ln 6, Col 20

5)

Query History

```

1  SELECT f.flight_no,
2      AVG(b.price) AS avg_price,
3      SUM(b.price) AS total_price,
4      MAX(b.price) AS max_price,
5      MIN(b.price) AS min_price
6  FROM booking b
7  JOIN booking_flight bf ON b.booking_id = bf.booking_id
8  JOIN flights f ON bf.flight_id = f.flight_id
9  GROUP BY f.flight_no;
10
11
12
13
14
15

```

Data Output

	flight_no	avg_price	total_price	max_price	min_price
1	FR-O	917.99	917.99	917.99	917.99
2	ZA-NL	4020.3000000000000000	8040.60	6014.71	2025.89
3	AF-FRA	7638.5500000000000000	7638.55	7638.55	7638.55
4	CH-NE	3998.7850000000000000	7997.57	5711.67	2285.90
5	HR-18	2077.1800000000000000	2077.18	2077.18	2077.18
6	US-NV	5642.3700000000000000	5642.37	5642.37	5642.37
7	CA-AB	4395.23333333333333	13185.70	5203.21	2779.28
8	BR-PA	2070.0100000000000000	2070.01	2070.01	2070.01
9	UA-32	2536.2650000000000000	5072.53	3194.55	1877.98
10	RU-SAK	1767.0025000000000000	7068.01	2880.33	156.83
11	All-WA	4714.8560000000000000	47148.56	9029.20	917.99

Total rows: 384 Query complete 00:00:00.158 CRLF Ln 7, Col 20

Successfully run. Total query runtime: 158 msec. 384 rows affected.

6)

Query History

```

1  SELECT f.flight_no,
2      arr.airport_name AS arrival_airport,
3      a.airline_name,
4      arr.country
5  FROM flights f
6  JOIN airport arr ON f.arrival_airport_id = arr.airport_id
7  JOIN airline a ON f.airline_id = a.airline_id
8  WHERE arr.country = 'France';
9

```

Data Output

flight_no	arrival_airport	airline_name	country
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Total rows: 0 Query complete 00:00:00.080 CRLF Ln 9, Col 1

Successfully run. Total query runtime: 80 msec. 0 rows affected.

7)

Query History

```

1  SELECT p.first_name,
2      p.last_name,
3          arr.airport_name AS arrival_destination
4  FROM passengers p
5  JOIN booking b ON p.passenger_id = b.passenger_id
6  JOIN booking_flight bf ON b.booking_id = bf.booking_id
7  JOIN flights f ON bf.flight_id = f.flight_id
8  JOIN airport arr ON f.arrival_airport_id = arr.airport_id
9  WHERE DATE_PART('year', AGE(p.date_of_birth)) < 18;
10

```

Data Output

first_name	last_name	arrival_destination

Messages Notifications

SQL

Successfully run. Total query runtime: 59 msec. 0 rows affected. X

Total rows: 0 Query complete 00:00:00.059 CRLF Ln 6, Col 20

8)

Query History

```

1  SELECT p.first_name || ' ' || p.last_name AS full_name,
2      p.passport_number,
3      f.actual_arrival
4  FROM passengers p
5  JOIN booking b ON p.passenger_id = b.passenger_id
6  JOIN booking_flight bf ON b.booking_id = bf.booking_id
7  JOIN flights f ON bf.flight_id = f.flight_id;
8

```

Data Output

full_name	passport_number	actual_arrival
Muhammad Fass	109932770-9	2023-07-18
Trevor Broun	788025864-7	2024-02-11
Auria Breffit	570537341-4	2023-07-11
Archie Toffel	677556708-1	2023-06-17
Sanders Biddles	514546405-3	2023-09-05
Sanders Biddles	514546405-3	2024-03-01
Remington Piggot	470074456-1	2023-05-31
Glynis Marle	209933120-0	2024-02-02
Cesaro McGennis	364900190-X	2023-04-03
Con Borrel	837859465-3	2024-02-15
Irianna Robbie	435354122-3	2024-01-19

Showing rows: 1 to 1000 Page No: 1 of 1

Successfully run. Total query runtime: 103 msec. 1000 rows affected. X

Total rows: 1000 Query complete 00:00:00.103 CRLF Ln 2, Col 26

9)

Query Query History

```
1 SELECT f.flight_no,
2       dep.country AS airport_country,
3       a.airline_country
4 FROM flights f
5 JOIN airport dep ON f.departure_airport_id = dep.airport_id
6 JOIN airline a ON f.airline_id = a.airline_id
7 WHERE dep.country = a.airline_country
8 GROUP BY f.flight_no, dep.country, a.airline_country;
9
```

Data Output Messages Notifications

	flight_no character varying (50) 	airport_country character varying (50) 	airline_country character varying (50) 
1	AU-NSW	China	China
2	AU-NT	China	China
3	AU-NT	Greece	Greece
4	AU-QLD	Poland	Poland
5	AU-WA	China	China
6	BR-AM	China	China
7	BR-BA	China	China
8	BR-MG	China	China
9	BR-PE	China	China
10	BR-PR	Philippines	Philippines
11	RS-NP	China	China

Total rows: 69 Query complete 00:00:00.088

Showing rows: 1 to 69  Page No: 1 of 1

 Successfully run. Total query runtime: 88 msec. 69 rows affected. 

CRLF Ln 9, Col 1