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Dashboard x airport_db/postgres@airport_db* x

airport_db/postgres@airport_db

No limit

QueryQuery History

1DO \$\$

2BEGIN

3BEGIN

4DELETE FROM booking WHERE booking_id = 999;

5RAISE EXCEPTION 'Simulated error';

6COMMIT;

7EXCEPTION

8WHEN OTHERS THEN

9ROLLBACK;

10RAISE NOTICE 'Transaction rolled back due to error';

11END;

12END \$\$;

13

Scratch Pad x

Data OutputMessagesNotifications

NOTICE: Transaction rolled back due to error

DO

Query returned successfully in 55 msec.

Total rows:Query complete 00:00:00.055

Ln 4, Col 53

Query returned successfully in 55 msec.

9.999W

4:14 PM11/25/25

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No limit

Execute scriptFS

QueryQuery History

1begin;

2update flights

3set scheduled_departure = '2024-01-23'

4where flight_id = 1;

5commit;

Data OutputMessagesNotifications

COMMIT

Query returned successfully in 87 msec.

Total rows:Query complete 00:00:00.087

Scratch Pad x

Query returned successfully in 87 msec.

LFLn 5, Col 8

4:21 PM11/25/25

pgAdmin 4

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Columns (14)

flight_id

flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

Dashboard

airport_db/postgres@airport_db*

airport_db/postgres@airport_db

No limit

Query

Query History

Scratch Pad

1DO \$\$

2BEGIN

3BEGIN

4UPDATE bookings

5SET ticket_price = ticket_price * 0.9

6WHERE flight_id = 99999;

7

8RAISE EXCEPTION 'Simulated error: invalid flight_id';

9

10COMMIT;

11EXCEPTION

12WHEN OTHERS THEN

13ROLLBACK;

14RAISE NOTICE 'Transaction rolled back. No ticket prices were changed.';

15END;

16END \$\$;

17

Data Output

Messages

Notifications

NOTICE: Transaction rolled back. No ticket prices were changed.

DO

Query returned successfully in 52 msec.

Total rows:

Query complete 00:00:00.052

Ln 8, Col 1

Query returned successfully in 52 msec.

5:22 PM

11/25/25

pgAdmin 4

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scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

cancel_destination

Dashboard × airport_db/postgres@airport_db* ×

airport_db/postgres@airport_db

No limit

Query Query History

1 do \$\$

2 begin

3 begin

4 update passengers

5 set first_name = 'Jonh', last_name = 'James', date_of_birth = '1928-04-12', email = 'jj.john@gmail.com'

6 where passenger_id = 1;

7

8 select * from booking where passenger_id = 1;

9

10 commit;

11 exception

12 when others then

13 rollback;

14 raise notice 'transaction rolled back. Pasenger update failed.';

15 end;

16 end \$\$;

Scratch Pad ×

Data Output Messages Notifications

NOTICE: transaction rolled back. Pasenger update failed.
DO

Query returned successfully in 61 msec.

✓ Query returned successfully in 61 msec. ✕

Total rows: Query complete 00:00:00.061

LF Ln 12, Col 14

5:50 PM 11/25/25

pgAdmin 4

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flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

cancel_departure

Dashboard xairport_db/postgres@airport_db* x

airport_db/postgres@airport_db

No limit

QueryQuery History

1do \$\$

2declare

3new_passenger_id INT;

4begin

5begin

6

7insert into passengers(first_name, last_name, date_of_birth, email, country_of_citizensip)

8values('Alice', 'Smith', '1990-02-01', 'alice_in_boarderland@example.com', 'Russia')

9returning passenger_id into new_passenger_id;

10

11insert into bookings(passenger_id, price)

12values (new_passenger_id, 200);

13

14commit;

15exception

16when others then

17rollback;

18raise notice 'Transaction rolled back. New passenger or booking failed';

19end;

20end \$\$;

Scratch Pad x

Data OutputMessagesNotifications

NOTICE: Transaction rolled back. New passenger or booking failed

DO

Query returned successfully in 63 msec.

Total rows:Query complete 00:00:00.063

Query returned successfully in 63 msec.

LF Ln 20, Col 8

5:58 PM11/25/25

pgAdmin 4

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airport_db/postgres@airport_db

No limit

QueryQuery History

1do \$\$

2begin

3begin

4update booking

5set ticket_price = ticket_price + 50

6where flight_id = 20;

7

8select booking_id, ticket_price from bokings where flight_id = 20;

9

10commit;

11exception

12when others then

13rollback;

14raise notice 'Transaction roled back. ticket price updating failed.';

15end;

16end \$\$;

Data OutputMessagesNotifications

NOTICE: Transaction roled back. ticket price updating failed.

DO

Query returned successfully in 54 msec.


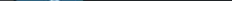
Query returned successfully in 54 msec.

Total rows:Query complete 00:00:00.054

LF Ln 12, Col 19

Data Output Messages Notifications

Total rows: Query complete 00:00:00.076



LF Ln 15, Col 67

6:07 PM

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baggage_id

weight_in_kg

created_date

update_date

booking_id

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baggage_check

boarding_pass

booking

Dashboard

airport_db/postgres@airport_db*

airport_db/postgres@airport_db

No limit

Query

Query History

1do \$\$

2begin

3begin

4update bookings

5set ticket_price = ticket_price * 0.5

6where booking_id = 5 and passenger_id = 1;

7

8select * from bookings where booking_id = 5;

9

10commit;

11

12exception

13when others then

14rollback;

15raise notice 'Transaction rolled back. Discount not applied.';

16end;

17end \$\$;

Data Output

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Notifications

NOTICE: Transaction rolled back. Discount not applied.

DO

Query returned successfully in 53 msec.

Total rows: Query complete 00:00:00.053

Ln 15, Col 63

Query returned successfully in 53 msec.

pgAdmin 4

6:10 PM11/25/25

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booking_flight_id

booking_id

flight_id

created_at

update_at

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Dashboard x airport_db/postgres@airport_db* x

airport_db/postgres@airport_db

No limit

Query Query History

1 do \$\$

2 begin

3 begin

4 update booking_flight

5 set flight_id = 45

6 where flight_id = 13;

7

8 select * from flights where flight_id = 45;

9

10 commit;

11

12 exception

13 when others then

14 rollback;

15 raise notice 'Transaction rolled back. bookings not rescheduled.';

16 end;

17 end \$\$;

Data Output Messages Notifications

NOTICE: Transaction rolled back. bookings not rescheduled.

DO

Query returned successfully in 172 msec.

Total rows: Query complete 00:00:00.172

Query returned successfully in 172 msec.

LF Ln 17, Col 8

6:15 PM 11/25/25