

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

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 - > passengers
 - > security_check
 - > Trigger Functions

airport_db/postgres@PostgreSQL 17

Query Query History

```
1  -- task 1
2  BEGIN;
3
4  DELETE FROM baggage WHERE booking_id = 10;
5  DELETE FROM baggage_check WHERE booking_id = 10;
6  DELETE FROM boarding_pass WHERE booking_id = 10;
7  DELETE FROM booking_flight WHERE booking_id = 10;
8  DELETE FROM booking WHERE booking_id = 10;
9
10 COMMIT;
11
```

Scratch Pad

Data Output Messages Notifications

COMMIT

Query returned successfully in 75 msec.

Total rows: Query complete 00:00:00.075 CRLF Ln 11, Col 1

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 - boarding_pass
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 - booking_flight
 - flights
 - Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airpor
 - arriving_alrport
 - flight_number
 - arriving_gate
 - airline_id
 - act_departure_ti

airport_db/postgres@PostgreSQL 17

Query

```
7 DELETE FROM booking_flight WHERE booking_id = 10;
8 DELETE FROM booking WHERE booking_id = 10;
9
10 COMMIT;
11
12 -- task 2
13 BEGIN;
14
15 UPDATE flights
16 SET sch_departure_time = '2026-01-15 12:45:00',
17     updated_at = NOW()
18 WHERE flight_id = 5;
19
20 COMMIT;
21 SELECT * FROM flights WHERE flight_id = 5;
```

Query History

Scratch Pad

Data Output

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

	flight_id [PK] integer	sch_departure_time timestamp without time zone	sch_arrival_time timestamp without time zone	departing_airport_id integer	arriving_airport_id integer	flight_number text	arriving_gate character varying (50)	airline_id integer	act_departure_time timestamp
1	5	2026-01-15 12:45:00	2024-08-09 00:00:00	328	487	KPN	LUG	202	2023-10-13

Total rows: 1 Query complete 00:00:02.941 CRLF Ln 21, Col 7

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File Object Tools Edit View Window Help

Object Explorer

- airport_db
- baggage
 - Columns (5)
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- boarding_pass
- booking
- booking_flight
- flights
 - Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport
 - arriving_airport
 - flight_number
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at
 - Constraints
 - Indexes
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air_tdb/postgre... x airport_db/postgre... x public.flights/airp... x public.airline/airpo... x airport_db/postgres@PostgreSQL 17* x public.booking/air...

air_tdb/postgres@PostgreSQL 17

Query Query History

```
19
20 COMMIT;
21 SELECT * FROM flights WHERE flight_id = 5;
22
23 -- task 3
24 BEGIN;
25
26 UPDATE booking
27 SET ticket_price = ticket_price - 5,
28     updated_at = NOW()
29 WHERE flight_id = 9
30     AND ticket_price - 5 >= 0;
31
32 COMMIT;
33 SELECT * FROM booking WHERE flight_id = 9;
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 6 Page No: 1 of 1

	booking_id [PK] integer	flight_id integer	passenger_id integer	booking_platform character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	status character varying (50)	ticket_price numeric (7,2)
1	37	9	125	google.fr	2024-01-29 00:00:00	2025-11-26 10:52:39.831732	Cancelled	5.99
2	106	9	143	youtube.com	2025-03-31 00:00:00	2025-11-26 10:52:39.831732	Completed	19.99
3	72	9	131	umn.edu	2021-04-29 00:00:00	2024-07-06 00:00:00	Cancelled	1.50
4	89	9	111	seesaa.net	2022-09-20 00:00:00	2025-11-26 10:52:39.831732	Cancelled	1.89
5	123	9	6	hostgator.com	2023-08-18 00:00:00	2025-11-26 10:52:39.831732	Cancelled	38.05
6	118	9	105	wp.com	2023-07-31 00:00:00	2023-01-17 00:00:00	Confirmed	0.86

Total rows: 6 Query complete 00:00:01.609 CRLF Ln 33, Col 42

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File Object Tools Edit View Window Help

Object Explorer

- airport
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 - departing_airport
 - arriving_airport
 - flight_number
 - arriving_gate
 - airline_id
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 - act_arrival_time
 - created_at
 - updated_at
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 - Indexes
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airport_db/postgres@PostgreSQL 17

Query Query History

```
30 AND ticket_price = 570;  
31  
32 COMMIT;  
33 SELECT * FROM booking WHERE flight_id = 9;  
34  
35 BEGIN;  
36  
37 UPDATE passengers  
38 SET first_name = 'Ayan',  
39     last_name = 'Tolegen',  
40     updated_at = NOW()  
41 WHERE passenger_id = 7;  
42  
43 COMMIT;  
44 SELECT * FROM passengers WHERE passenger_id = 7;
```

Scratch Pad

Data Output Messages Notifications

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

	passenger_id [PK] Integer	first_name character varying (50)	last_name character varying (50)	date_of_birth date	gender character varying (50)	country_of_citizenship character varying (50)	country_of_residence character varying (50)	passport_number character varying (20)	created_at timestamp
1	7	Ayan	Tolegen	1979-07-20	Female	Bhutan	Honduras	M5326728	2022-03

Total rows: 1 Query complete 00:00:01.935 CRLF Ln 44, Col 1

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 - Columns (12)
 - flight_id
 - sch_departure_t
 - sch_arrival_time
 - departing_airpor
 - arriving_airport_
 - flight_number

airport_db/postgres@PostgreSQL 17

Query Query History

```
1 -- task 5
2 BEGIN;
3
4 INSERT INTO passengers (first_name, last_name, date_of_birth, gender,
5                          country_of_citizenship, country_of_residence,
6                          passport_number, created_at, updated_at)
7 VALUES ('Dana', 'Serik', '2003-05-10', 'F', 'Kazakhstan', 'Kazakhstan',
8         'N1234567', NOW(), NOW());
9
10 INSERT INTO booking (flight_id, passenger_id, booking_platform,
11                      status, ticket_price, created_at, updated_at)
12 VALUES (5, currval('passengers_passenger_id_seq'), 'mobile_app', 'confirmed', 45000, NOW(), NOW());
13
14 COMMIT;
```

Scratch Pad

Data Output Messages Notifications

COMMIT

Query returned successfully in 753 msec.

Total rows: Query complete 00:00:00.753 CRLF Ln 14, Col 8

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 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport
 - arriving_airport
 - flight_number

airport_db/postgres@PostgreSQL 17

Query Query History

```
VALUES (5, currval('passengers_passenger_id_seq'), 'mobile_app', 'confirmed', 45000, NOW(), NOW());
COMMIT;
-- task 6
BEGIN;
UPDATE booking
SET ticket_price = ticket_price + 3000,
    updated_at = NOW()
WHERE flight_id = 5;
COMMIT;
SELECT * FROM booking WHERE flight_id = 5;
```

Data Output Messages Notifications

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

	booking_id [PK] integer	flight_id integer	passenger_id integer	booking_platform character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	status character varying (50)	ticket_price numeric (7,2)
1	205	5	241	mobile_app	2025-11-26 11:47:41.188705	2025-11-26 11:49:54.080052	confirmed	48000.00

Total rows: 1 Query complete 00:00:00.813 CRLF Ln 25, Col 10

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 - flights
 - Columns (12)
 - flight_id
 - sch_departure_t
 - sch_arrival_time
 - departing_airpor
 - arriving_airport_
 - flight_number
 - arriving_gate
 - airline_id
 - act_departure_ti

airline/airpo... x airport_db/postgre... x public.booking/air... x airport_db/postgre... x public.baggage/air... x airport_db/postgres@PostgreSQL 17* x

airport_db/postgres@PostgreSQL 17

Query Query History

```
-- task 7
BEGIN;

UPDATE baggage
SET weight_in_kg = 28.50,
    updated_at = NOW()
WHERE baggage_id = 37
    AND weight_in_kg > 0
    AND weight_in_kg <= 100;

COMMIT;

SELECT * FROM baggage WHERE baggage_id = 37;
```

Scratch Pad

Data Output Messages Notifications

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

	baggage_id [PK] Integer	weight_in_kg numeric (4,2)	created_at timestamp without time zone	updated_at timestamp without time zone	booking_id Integer
1	37	28.50	2023-12-17 00:00:00	2025-11-26 11:58:10.240436	185

Total rows: 1 Query complete 00:00:00.155 CRLF Ln 13, Col 4

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 - > airport
 - > baggage
 - > baggage_check
 - > boarding_pass
 - > booking
 - > Columns (8)
 - booking_id
 - flight_id
 - passenger_id
 - booking_platform
 - created_at
 - updated_at
 - status
 - ticket_price
 - > Constraints
 - > Indexes

airport_db/postgres@PostgreSQL 17

Query Query History

```
11 COMMIT;  
12  
13 SELECT * FROM baggage WHERE baggage_id = 37;  
14  
15 -- task 8  
16 BEGIN;  
17  
18 UPDATE booking  
19 SET ticket_price = ticket_price * 0.90,  
20     updated_at = NOW()  
21 WHERE booking_id = 19  
22     AND passenger_id = 48;  
23  
24 COMMIT;  
25 SELECT * FROM booking WHERE booking_id = 19 AND passenger_id = 48;
```

Scratch Pad

Data Output Messages Notifications

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

	booking_id [PK] integer	flight_id integer	passenger_id integer	booking_platform character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	status character varying (50)	ticket_price numeric (7,2)
1	19	29	48	wunderground.com	2023-11-16 00:00:00	2025-11-26 12:02:27.631106	Confirmed	44.99

Successfully run. Total query runtime: 771 msec. 1 rows affected.

Servers > PostgreSQL 17 > Databases > airport_db > Schemas > public > Tables > booking 71 CRLF Ln 25, Col 3

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 - > baggage_check
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 - ▼ booking
 - ▼ Columns (8)
 - booking_id
 - flight_id
 - passenger_id
 - booking_platform
 - created_at
 - updated_at
 - status
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airport_db/postgres@PostgreSQL 17

air... airport_db/postgre... public.baggage/air... airport_db/postgres@PostgreSQL 17* public.passengers... public.booking/air...

Query History

No limit

Query

```
27 -- task 9
28 BEGIN;
29
30 UPDATE booking
31 SET flight_id = 8,
32     updated_at = NOW()
33 WHERE flight_id = 5;
34
35 UPDATE booking_flight
36 SET flight_id = 8,
37     updated_at = NOW()
38 WHERE flight_id = 5;
39
40 COMMIT;
41
```

Data Output Messages Notifications

COMMIT

Query returned successfully in 90 msec.

Total rows: Query complete 00:00:00.090

CRLF Ln 38, Col 21

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- ▼ Tables (10)
 - > airline
 - > airport
 - > baggage
 - > baggage_check
 - > boarding_pass
 - ▼ booking
 - ▼ Columns (8)
 - booking_id
 - flight_id
 - passenger_id
 - booking_platform
 - created_at
 - updated_at
 - status
 - ticket_price
 - > Constraints
 - > Indexes
 - > RLS Policies

airport_db/postgres@PostgreSQL 17

No limit

Query Query History

```
26
27 -- task 9
28 BEGIN;
29
30 UPDATE booking
31 SET flight_id = 8,
32     updated_at = NOW()
33 WHERE flight_id = 5;
34
35 UPDATE booking_flight
36 SET flight_id = 8,
37     updated_at = NOW()
38 WHERE flight_id = 5;
39
40 COMMIT;
41
42 SELECT booking_id, passenger_id, flight_id
43 FROM booking
44 WHERE flight_id = 8;
45
```

Data Output Messages Notifications

Showing rows: 1 to 3 Page No: 1 of 1

	booking_id [PK] integer	passenger_id integer	flight_id integer
1	44	28	8
2	205	241	8
3	103	160	8

Total rows: 3 Query complete 00:00:00.153

CRLF Ln 44, Col 21