

Database Explorer

postgres@localhost

- postgres (1 of 3)
 - public
 - tables (10)
 - airline
 - airport
 - baggage
 - boarding
 - booking
 - booking_
 - flights
 - passenge
 - security_t
 - sequences
 - airline_inf
 - airport_al

console_2 console console_4

185 --1

186

187 UPDATE airline

188 SET airline_name= UPPER(airline.airline_name);

189 SELECT * FROM airline;

190 --2

191 insert into airline(airline_code, airline_name, airline_country, created_at, updated_at)

192 VALUES('airline_code 'AC399', 'airline_name 'Air Astana', 'airline_country 'Kazakhstan', 'created_at '2025-10-01 06:49:01.553708', 'updated_at '2025-10-01 06:49:01.5

193

194 UPDATE airline

195 SET airline_name = REPLACE(airline_name, 'Air', 'Aero');

196

197 --3

198 SELECT flights.flight_id

199 FROM flights

200 WHERE airline_id IN (1,2)

201 GROUP BY flight_id

202 HAVING COUNT(DISTINCT airline_id)=2;

203

Services

Database

- postgres@localhost
 - console_2
 - console
 - console_4 668 ms

Output postgres.public.airline

airline_id	airline_code	airline_name	airline_country	created_at	updated_at
1	56 AC563	AIRLINE_EDC68A	Germany	2025-10-01 06:49:01.553708	2025-10-01 06:49:01.553708
2	57 AC497	AIRLINE_OFFC05	India	2025-10-01 06:49:01.553708	2025-10-01 06:49:01.553708
3	58 AC187	AIRLINE_A90B9C	Russia	2025-10-01 06:49:01.553708	2025-10-01 06:49:01.553708
4	59 AC374	AIRLINE_	China	2025-10-01 06:49:01.553708	2025-10-01 06:49:01.553708

Database Consoles > postgres@localhost > console_4

187:1 (84 chars, 2 line breaks) CRLF UTF-8 4 spaces

14°C Mostly sunny

Поиск

10:45 08.10.2025

Database Explorer console_2 console console_4

```
--1
185
186
187 UPDATE airline
188 SET airline_name= UPPER(airline.airline_name);
189 SELECT * FROM airline;
190 --2
191 insert into airline(airline_code, airline_name, airline_country, created_at, updated_at)
192 VALUES('AC399', 'Air Astana', 'Kazakhstan', '2025-10-01 06:49:01.553708', '2025-10-01 06:49:01.553708');
193
194 UPDATE airline
195 SET airline_name = REPLACE(airline_name, 'Air', 'Aero');
196
197
198 SELECT flights.flight_id
199 FROM flights
200 WHERE airline_id IN (1,2)
```

Unsafe query: 'Update' statement without 'where' updates all table rows at once

Services

Database console_2 console console_4 51 ms

Output postgres.public.airline

airline_id	airline_code	airline_name	airline_country	created_at	updated_at
201	AC399	AERO ASTANA	Kazakhstan	2025-10-01 06:49:01.553708	2025-10-01 06:49:01.553708

201 rows

Database Consoles > postgres@localhost > console_4 194:1 (71 chars, 1 line break) CRLF UTF-8 4 spaces

Database Explorer console_2 console console_4

```
194 UPDATE airline
195 SET airline_name = REPLACE(airline_name, 'Air', 'Aero');
196
197 --3
198 SELECT flights.flight_id
199 FROM flights
200 WHERE airline_id IN (1,2)
201 GROUP BY flight_id
202 HAVING COUNT(DISTINCT airline_id)=2;
203
204 SELECT * FROM airport WHERE airport_name LIKE '%Airport%' OR airport_name LIKE '%Reginal%';
205 --5
206 SELECT TO_CHAR(date_of_birth, 'MM DD YYYY') AS formatted
207 FROM passengers;
208 --6
209 SELECT * FROM flights WHERE sch_arrival_time>act_arrival_time;
210 --7
211 SELECT passengers.passenger_id, passengers.date_of_birth,
212 passengers.flight_id, passengers.flight_date
```

Services

Database console_2 console console_4 473 ms

Output postgres.public.flights

flight_id

0 rows

Database Consoles > postgres@localhost > console_4 198:1 (119 chars, 4 line breaks) CRLF UTF-8 4 spaces

Database Explorer

console_2 console console_4

postgres@localhost

public

tables 10

airline

airport

baggage

boarding

booking

booking_

flights

passenge

security_

sequences 1

airline_inf

airport_al

```
194 UPDATE airline
195 SET airline_name = REPLACE(airline_name, 'Air', 'Aero');
196
197 --3
198 SELECT flights.flight_id
199 FROM flights
200 WHERE airline_id IN (1,2)
201 GROUP BY flight_id
202 HAVING COUNT(DISTINCT airline_id)=2;
203 --4
204 SELECT * FROM airport WHERE airport_name LIKE '%Airport%' OR airport_name LIKE '%Reginal%';
205
206 SELECT TO_CHAR(date_of_birth, 'MM DD YYYY') AS formatted
207 FROM passengers;
208 --6
209 SELECT * FROM flights WHERE sch_arrival_time>act_arrival_time;
210 --7
211 SELECT passengers.passenger_id, passengers.date_of_birth,
212
```

Services

Database

postgres@localhost

console_2

console

console_4 541 ms

Output postgres.public.airport

airport_id	airport_name	country	state	city	created_at
1	Airport_1	India	StateC	CityH	2025-10-01 06:49:01.633452
2	Airport_2	Poland	StateF	CityG	2025-10-01 06:49:01.633452
3	Airport_3	USA	StateH	CityJ	2025-10-01 06:49:01.633452
4	Airport_4	France	StateI	CityI	2025-10-01 06:49:01.633452

Database Consoles > postgres@localhost > console_4

Database Explorer

console_2 console console_4

postgres@localhost

public

tables 10

airline

airport

baggage

boarding

booking

booking_

flights

passenge

security_

sequences 1

airline_inf

airport_al

```
194 UPDATE airline
195 SET airline_name = REPLACE(airline_name, 'Air', 'Aero');
196
197 --3
198 SELECT flights.flight_id
199 FROM flights
200 WHERE airline_id IN (1,2)
201 GROUP BY flight_id
202 HAVING COUNT(DISTINCT airline_id)=2;
203 --4
204 SELECT * FROM airport WHERE airport_name LIKE '%Airport%' OR airport_name LIKE '%Reginal%';
205 --5
206 SELECT TO_CHAR(date_of_birth, 'MM DD YYYY') AS formatted
207 FROM passengers;
208
209 SELECT * FROM flights WHERE sch_arrival_time>act_arrival_time;
210 --7
211 SELECT passengers.passenger_id, passengers.date_of_birth,
212
```

Services

Database

postgres@localhost

console_2

console

console_4 522 ms

Output formattedtext

formatted
09 11 1956
10 29 1960
12 02 1953
04 06 1980

Database Consoles > postgres@localhost > console_4

Database Explorer

console_2 console console_4

postgres@localhost

public

tables

airline

airport

baggage

baggage

boarding

booking

booking

flights

passenger

security

sequences

airline_inf

airport_inf

console_4

```
200 WHERE airline_id IN (1,2)
201 GROUP BY flight_id
202 HAVING COUNT(DISTINCT airline_id)=2;
203 --4
204 SELECT * FROM airport WHERE airport_name LIKE '%Airport%' OR airport_name LIKE '%Regional%';
205 --5
206 SELECT TO_CHAR(date_of_birth, 'MM DD YYYY') AS formatted
207 FROM passengers;
208 --6
209 SELECT * FROM flights WHERE sch_arrival_time>act_arrival_time;
210
211 SELECT passengers.passenger_id, passengers.date_of_birth,
212 CASE
213 WHEN (DATE_PART('year', CURRENT_DATE) - DATE_PART('year', passengers.date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
214 WHEN (DATE_PART('year', CURRENT_DATE) - DATE_PART('year', passengers.date_of_birth)) BETWEEN 35 AND 55 THEN 'Adult'
215 ELSE 'Other'
216 END AS age_group
217 FROM passengers;
```

Services

Database

postgres@localhost

console_2

console

console_4 640 ms

Output postgres.public.flights

flight_id	sch_departure_time	sch_arrival_time	departing_airport_id	arriving_airport_id
1	2	2025-12-22 06:49:01.659688	2025-11-27 08:49:01.659688	45
2	5	2025-10-29 06:49:01.659688	2026-01-05 08:49:01.659688	28
3	7	2025-12-15 06:49:01.659688	2025-12-28 08:49:01.659688	1
4	10	2025-10-09 06:49:01.659688	2026-01-05 08:49:01.659688	175

Database Consoles > postgres@localhost > console_4

209:1 (82 chars) CRLF UTF-8 4 spaces

Database Explorer

console_2 console console_4

postgres@localhost

public

tables

airline

airport

baggage

baggage

boarding

booking

booking

flights

passenger

security

sequences

airline_inf

airport_inf

console_4

```
203 --4
204 SELECT * FROM airport WHERE airport_name LIKE '%Airport%' OR airport_name LIKE '%Regional%';
205 --5
206 SELECT TO_CHAR(date_of_birth, 'MM DD YYYY') AS formatted
207 FROM passengers;
208 --6
209 SELECT * FROM flights WHERE sch_arrival_time>act_arrival_time;
210 --7
211 SELECT passengers.passenger_id, passengers.date_of_birth,
212 CASE
213 WHEN (DATE_PART('year', CURRENT_DATE) - DATE_PART('year', passengers.date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
214 WHEN (DATE_PART('year', CURRENT_DATE) - DATE_PART('year', passengers.date_of_birth)) BETWEEN 35 AND 55 THEN 'Adult'
215 ELSE 'Other'
216 END AS age_group
217 FROM passengers;
218
219 SELECT booking.booking_id, booking.ticket_price,
220 CASE
221 WHEN flight_id=1 THEN 'Flight 1'
222 WHEN flight_id=2 THEN 'Flight 2'
223 WHEN flight_id=3 THEN 'Flight 3'
224 WHEN flight_id=4 THEN 'Flight 4'
225 ELSE 'Other'
226 END AS flight_name
227 FROM booking;
```

Services

Database

postgres@localhost

console_2

console

console_4 542 ms

Output Result 18

passenger_id	date_of_birth	age_group
1	1956-09-11	Other
2	1960-10-29	Other
3	1953-12-02	Other
4	1980-04-06	Other

Database Consoles > postgres@localhost > console_4

211:1 (385 chars, 6 line breaks) CRLF UTF-8 4 spaces

Database Explorer

postgres@localhost

public

tables 10

- airline
- airport
- baggage
- baggage
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- booking
- booking
- flights
- passenge
- security
- sequences
- airline_inf
- airport_al

```
215 ELSE 'Other'
216 END AS age_group
217 FROM passengers;
218 --8
219 SELECT booking.booking_id, booking.ticket_price,
220 CASE
221 WHEN ticket_price < 300 THEN 'Cheap'
222 WHEN ticket_price BETWEEN 300 AND 600 THEN 'Medium'
223 ELSE 'Expensive'
224 END AS price_category
225 FROM booking;
226
227
228 airline_country,
229 COUNT(airline_name) AS number_of_airlines
230 FROM airline
231 GROUP BY airline_country;
232 --10
233
```

Services

Database

postgres@localhost

console_2

console

console_4 522 ms

Output

Result 19

booking_id	ticket_price	price_category
1	229.05	Cheap
2	344.10	Medium
3	971.32	Expensive
4	171.97	200 rows

Database Consoles > postgres@localhost > console_4

219:1 (225 chars, 6 line breaks) CRLF UTF-8 4 spaces

Database Explorer

postgres@localhost

public

tables 10

- airline
- airport
- baggage
- baggage
- boarding
- booking
- booking
- flights
- passenge
- security
- sequences
- airline_inf
- airport_al

```
225 FROM booking;
226 --9
227 SELECT
228 airline_country,
229 COUNT(airline_name) AS number_of_airlines
230 FROM airline
231 GROUP BY airline_country;
232
233 WHERE sch_arrival_time < act_arrival_time;
234
235
236
237
```

Services

Database

postgres@localhost

console_2

console

console_4 482 ms

Output

Result 20

airline_country	number_of_airlines
Turkey	21
Brazil	28
Kazakhstan	22
Poland	10 rows

Database Consoles > postgres@localhost > console_4

227:1 (112 chars, 4 line breaks) CRLF UTF-8 4 spaces

Database Explorer

postgres@localhost

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 - public
 - tables (10)
 - airline
 - airport
 - baggage
 - baggage_
 - boarding
 - booking
 - booking_
 - flights
 - passenge
 - security_c
 - sequences (1)
 - airline_inf
 - airport_al

console_2

```
225 FROM booking;
226 -- 9
227 SELECT
228     airline_country,
229     COUNT(airline_name) AS number_of_airlines
230 FROM airline
231 GROUP BY airline_country;
232 -- 10
233 SELECT * FROM flights WHERE sch_arrival_time < act_arrival_time;
```

console_4

Output postgres.public.flights

flight_id	sch_departure_time	sch_arrival_time	departing_airport_id	arriving_airport_id
1	2025-12-19 06:49:01.659688	2025-11-19 08:49:01.659688	59	
2	3 2025-10-26 06:49:01.659688	2025-10-15 08:49:01.659688	181	
3	4 2025-11-26 06:49:01.659688	2025-10-24 08:49:01.659688	100	
4	6 2025-11-17 06:49:01.659688	2025-11-17 06:49:01.659688	2	

111 rows

Database Consoles > postgres@localhost > console_4

233:1 (62 chars) CRLF UTF-8 4 spaces

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Поиск

10:48 08.10.2025