

studying main

Database Explorer

- postgres@localhost
 - postgres
 - public
 - tables
 - airline
 - airport
 - baggage
 - baggage
 - boarding
 - booking
 - booking
 - flights
 - passenge
 - security
 - sequences
 - airline_inf
 - airport_inf

console_2 console console_4 console_5

```
SELECT [check_result (ARRAY['Clean','Not Clean'])[floor(random()*2)+1], passenger_id, created_at now(), updated_at now()] FROM passengers;

--1
ALTER TABLE passengers
ADD CONSTRAINT check_age
CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');

--2
ALTER TABLE booking
ADD CONSTRAINT check_price
CHECK(ticket_price<=5000 AND ticket_price>0);

--3
ALTER TABLE baggage
ADD CONSTRAINT check_baggage
CHECK (weight_in_kg BETWEEN 1 AND 23) NOT VALID;
```

Services

Database

- postgres@localhost
 - console_2
 - console_5 1 s 743 ms
 - console
 - console_4

[2025-10-15 09:25:09] Connected
[2025-10-15 09:25:09] postgres> ALTER TABLE passengers
ADD CONSTRAINT check_mult
CHECK(((country_of_citizenship='Kazakhstan' AND AGE(date_of_birth)>= INTERVAL '18 years') OR (

[2025-10-15 09:25:09] completed in 33 ms

Database Consoles > postgres@localhost > console_5

254:41 CRLF UTF-8 4 spaces

7°C Sunny

Поиск

ENG 9:28 15.10.2025

Database Explorer

postgres@localhost

- public
 - tables
 - airline
 - ALTER TABLE airline
 - ADD CONSTRAINT unique_airline_code
 - UNIQUE(airline_code);
 - airport
 - ALTER TABLE airport
 - ADD CONSTRAINT unique_airport_name
 - UNIQUE(airport_name);
 - baggage
 - ALTER TABLE baggage
 - ADD CONSTRAINT unique_pass_number
 - UNIQUE(passport_number);
 - boarding
 - ALTER TABLE boarding
 - ADD CONSTRAINT unique_booking
 - UNIQUE(booking_id, flight_id);
 - booking
 - ALTER TABLE booking
 - ADD CONSTRAINT unique_booking
 - UNIQUE(booking_id, flight_id);
 - flights
 - ALTER TABLE flights
 - ADD CONSTRAINT unique_flight_gate
 - UNIQUE(flight_id, gate);
 - passenger
 - ALTER TABLE passenger
 - ADD CONSTRAINT unique_passenger_id
 - UNIQUE(passport_number);
 - security_check
 - ALTER TABLE security_check
 - ADD CONSTRAINT unique_security_check
 - UNIQUE(passport_number);

Services

Database Consoles > postgres@localhost > console_5

192.6 CRLF UTF-8 4 spaces

7°C Sunny

9:30 15.10.2025

Database Explorer

postgres@localhost

- public
 - tables
 - airline
 - ALTER TABLE airline
 - ADD CONSTRAINT unique_airline_code
 - UNIQUE(airline_code);
 - airport
 - ALTER TABLE airport
 - ADD CONSTRAINT unique_airport_name
 - UNIQUE(airport_name);
 - baggage
 - ALTER TABLE baggage
 - ADD CONSTRAINT unique_pass_number
 - UNIQUE(passport_number);
 - boarding
 - ALTER TABLE boarding
 - ADD CONSTRAINT unique_booking
 - UNIQUE(booking_id, flight_id);
 - booking
 - ALTER TABLE booking
 - ADD CONSTRAINT unique_booking
 - UNIQUE(booking_id, flight_id);
 - flights
 - ALTER TABLE flights
 - ADD CONSTRAINT unique_flight_gate
 - UNIQUE(flight_id, gate);
 - passenger
 - ALTER TABLE passenger
 - ADD CONSTRAINT unique_passenger_id
 - UNIQUE(passport_number);
 - security_check
 - ALTER TABLE security_check
 - ADD CONSTRAINT unique_security_check
 - UNIQUE(passport_number);

Services

Database Consoles > postgres@localhost > console_5

192.6 CRLF UTF-8 4 spaces

7°C Sunny

9:30 15.10.2025

