

Object Explorer

- booking
 - Columns
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
- booking_flight
- flights
 - Columns(14)
 - flight_id
 - flight_no
 - scheduled_departure
 - scheduled_arrival
 - departure_airport_id
 - arrival_airport_id
 - departing_gate
 - arriving_gate
 - airline_id
 - status
 - actual_departure
 - actual_arrival
 - created_at
 - update_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
- passengers
 - Columns(10)
 - passenger_id
 - first_name
 - last_name
 - date_of_birth
 - gender
 - country_of_citizenst

postgres/postgres@PostgreSQL 17

No limit

Query Query History

Scratch Pad X

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_age CHECK
3 (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
4
5
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 75 msec.

Total rows: Query complete 00:00:00.075

✓ Query returned successfully in 75 msec. ✕

CRLF Ln 4, Col 1



Object Explorer



Dashboard X Properties X SQL X Statistics X Dependencies X Dependents X Processes X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17



Query Query History

Scratch Pad X

```
1
2 ALTER TABLE booking
3 ADD CONSTRAINT check_booking_price CHECK(
4     price<=5000 AND price>=0
5 );
6
7
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 73 msec.

Servers (1)

PostgreSQL 17

Databases (1)

postgres

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wrappers

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (10)

airline

Columns (6)

airline_id

airline_code

airline_name

airline_country

created_at

update_at

Constraints

Indexes

Object Explorer

- Databases (1)
 - postgres
 - Cast
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline
 - Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
 - update_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers

Dashboard x Properties x SQL x Statistics x Dependencies x Dependents x Processes x postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

Scratch Pad x

```
1
2 ALTER TABLE baggage
3 ADD CONSTRAINT check_baggage_weight CHECK(
4     weight_in_kg BETWEEN 1 AND 23
5 );
6
7
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 80 msec.

Total rows: Query complete 00:00:00.080

✓ Query returned successfully in 80 msec. ✕

CRLF Ln 7, Col 1

Object Explorer

Databases (1)

postgres

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wrappers

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

1.3 Sequences

Tables (10)

airline

Columns (6)

airline_id

airline_code

airline_name

airline_country

created_at

update_at

Constraints

Indexes

RLS Policies

Rules

Dashboard x Properties x SQL x Statistics x Dependencies x Dependents x Processes x postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

1
2 ALTER TABLE airport
3 ADD CONSTRAINT check_airport_name_length CHECK(
4 char_length(airport_name)>=10
5);
6
7

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 74 msec.

✓ Query returned successfully in 74 msec. ✕

Object Explorer

- Servers (1)
 - PostgreSQL 17
 - Databases (1)
 - postgres
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline
 - Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
 - update_at
 - Constraints
 - Indexes

Dashboard × Properties × SQL × Statistics × Dependencies × Dependents × Processes × postgres/postgres@PostgreSQL 17* ×

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 ALTER TABLE airport
2 ADD CONSTRAINT unique_city UNIQUE (city);
3
4 ALTER TABLE airline
5 ADD CONSTRAINT unique_airline_country UNIQUE (airline_country);
6
7 ALTER TABLE baggage
8 ADD CONSTRAINT unique_weight UNIQUE (weight_in_kg);
9
10 ALTER TABLE baggage_check
11 ADD CONSTRAINT unique_check_result UNIQUE (check_result);
12
13 ALTER TABLE boarding_pass
14 ADD CONSTRAINT unique_boarding_time UNIQUE (boarding_time);
15
16 ALTER TABLE booking
17 ADD CONSTRAINT unique_price UNIQUE (price);
18
19 ALTER TABLE booking_flight
20 ADD CONSTRAINT unique_created_at UNIQUE (created_at);
21
22 ALTER TABLE flights
23 ADD CONSTRAINT unique_status UNIQUE (status);
24
25 ALTER TABLE passengers
26 ADD CONSTRAINT unique_first_name UNIQUE (first_name);
27
28 ALTER TABLE security_check
29 ADD CONSTRAINT unique_security_check_result UNIQUE (check_result);
30
31
```

Data Output Messages Notifications

ERROR: создать уникальный индекс "unique_airline_country" не удалось
Ключ (airline_country)=(China) дублируется.

ОШИБКА: создать уникальный индекс "unique_airline_country" не удалось
SQL state: 23505
Detail: Ключ (airline_country)=(China) дублируется.

Total rows: Query complete 00:00:00.078

CRLF Ln 32, Col 1

Object Explorer

- > Constraints
- > Indexes
- > RLS Policies
- > Rules
- > Triggers
- ▼ passengers
 - Columns (10)
 - passenger_id
 - first_name
 - last_name
 - date_of_birth
 - gender
 - country_of_citizenst
 - country_of_residenc
 - passport_number
 - created_at
 - update_at
 - > Constraints
 - > Indexes
 - > RLS Policies
 - > Rules
 - > Triggers
- ▼ security_check
 - Columns (5)
 - security_check_id
 - check_result
 - created_at
 - update_at
 - passenger_id
 - > Constraints
 - > Indexes
 - > RLS Policies
 - > Rules
 - > Triggers
- > Trigger Functions
- > Types

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_age CHECK(
3   gender='Male' AND age(current_date,date_of_birth)>=INTERVAL '18 years'
4   OR
5   gender='Female' AND age(current_date,date_of_birth)>= INTERVAL '19 years'
6 );
7
8
```

Data Output Messages Notifications

ERROR: ограничение-проверку "check_age" отношения "passengers" нарушает некоторая строка

ОШИБКА: ограничение-проверку "check_age" отношения "passengers" нарушает некоторая строка
SQL state: 23514

Object Explorer

Constraints

Indexes

RLS Policies

Rules

Triggers

passengers

Columns (10)

passenger_id

first_name

last_name

date_of_birth

gender

country_of_citizensh

country_of_residenc

passport_number

created_at

update_at

Constraints

Indexes

RLS Policies

Rules

Triggers

security_check

Columns (5)

security_check_id

check_result

created_at

update_at

passenger_id

Constraints

Indexes

RLS Policies

Rules

Triggers

Trigger Functions

Types

Views

Dashboard × Properties × SQL × Statistics × Dependencies × Dependents × Processes × postgres/postgres@PostgreSQL 17* ×

postgres/postgres@PostgreSQL 17

Query

Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passenger_country_age
3 CHECK (
4     (
5         country_of_citizenship = 'Kazakhstan'
6         AND EXTRACT(YEAR FROM age(current_date, date_of_birth)) >= 18
7     )
8     OR
9     (
10        country_of_citizenship = 'France'
11        AND EXTRACT(YEAR FROM age(current_date, date_of_birth)) >= 17
12    )
13    OR
14    (
15        country_of_citizenship NOT IN ('Kazakhstan', 'France')
16        AND EXTRACT(YEAR FROM age(current_date, date_of_birth)) >= 19
17    )
18 );
19
```

Data Output

Messages

Notifications

ERROR: ограничение-проверку "check_passenger_country_age" отношения "passengers" нарушает некоторая строка

ОШИБКА: ограничение-проверку "check_passenger_country_age" отношения "passengers" нарушает некоторая строка

SQL state: 23514

Total rows: 0

Query complete 00:00:00.139

CRLF Ln 19, Col 1

