

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passenger_min_age
3 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
4
5
6
7
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 67 msec.

Total rows: Query complete 00:00:00.067 CRLF Ln 5, Col 1

10°C Sunny

Search

ENG 12:32 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\*

postgres/postgres@PostgreSQL 17

No limit

Execute query  
Alt F5

```
1 1
2 ALTER TABLE passengers
3 ADD CONSTRAINT check_passenger_min_age
4 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
5 2
6 ALTER TABLE booking
7 ADD CONSTRAINT check_booking_price
8 CHECK (price > 0 AND price <= 50000);
9 3
10 ALTER TABLE baggage
11 ADD CONSTRAINT chk_luggage_weight
12 CHECK (weight_in_kg BETWEEN 1 AND 23);
13
```

Data Output Messages Notifications

ERROR: ограничение-проверку "chk\_luggage\_weight" отношения "baggage" нарушает некоторая строка

ОШИБКА: ограничение-проверку "chk\_luggage\_weight" отношения "baggage" нарушает некоторая строка  
SQL state: 23514

Total rows: 284 Query complete 00:00:00.076 CRLF Ln 10, Col 1

10°C Sunny Search 12:38 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Execute query  
Alt F5

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passenger_min_age
3 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
4
5
6
7
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 67 msec.

Total rows: Query complete 00:00:00.067

✓ Query returned successfully  
CRLF Ln 7, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\*

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passenger_min_age
3 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
4
5 ALTER TABLE booking
6 ADD CONSTRAINT check_booking_price
7 CHECK (price > 0 AND price <= 50000);
8
9
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 55 msec.

Total rows: Query complete 00:00:00.055

✓ Query returned successfully in 55 msec. ✕

CRLF Ln 4, Col 1

10°C Sunny

Search

ENG 12:34 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

Execute query  
Alt F5

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

Data Output Messages Notifications

ERROR: ограничение "check\_passenger\_min\_age" для отношения "passengers" уже существует

ОШИБКА: ограничение "check\_passenger\_min\_age" для отношения "passengers" уже существует

SQL state: 42710

Total rows: Query complete 00:00:00.053 CRLF Ln 2, Col 1

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pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\*

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 1
2 ALTER TABLE passengers
3 ADD CONSTRAINT check_passenger_min_age
4 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
5 2
6 ALTER TABLE booking
7 ADD CONSTRAINT check_booking_price
8 CHECK (price > 0 AND price <= 50000);
9
10
```

Data Output Messages Notifications

ERROR: ограничение "check\_booking\_price" для отношения "booking" уже существует

ОШИБКА: ограничение "check\_booking\_price" для отношения "booking" уже существует

SQL state: 42710

Total rows: Query complete 00:00:00.054 CRLF Ln 9, Col 1

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Search

ENG 12:36 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

Execute query  
Alt F5

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_passenger_min_age
3 CHECK (date_of_birth <= CURRENT_DATE - INTERVAL '10 years');
4
5 2
6 ALTER TABLE booking
7 ADD CONSTRAINT check_booking_price
8 CHECK (price > 0 AND price <= 50000);
9
10 3
11 ALTER TABLE baggage
12 ADD CONSTRAINT chk_luggage_weight
13 CHECK (weight_in_kg BETWEEN 1 AND 23);
14
15 4
16 ALTER TABLE airport
17 ADD CONSTRAINT chk_airport_name_length
18 CHECK (LENGTH(airport_name) >= 10);
19
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 73 msec.

Total rows: Query complete 00:00:00.073

✓ Query returned successfully in 73 msec. ✕

CRLF Ln 13, Col 2

10°C Sunny

Search

ENG 12:39 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
15 ADD CONSTRAINT cnk_airport_name_lengthn
16 CHECK (LENGTH(airport_name) >= 10);
17 5
18 ALTER TABLE passengers
19 ADD CONSTRAINT uq_passenger_passport UNIQUE (passport_number);
20
21 ALTER TABLE airport
22 ADD CONSTRAINT uq_airport_name UNIQUE (airport_name);
23
24 ALTER TABLE airline
25 ADD CONSTRAINT uq_airline_name UNIQUE (airline_name);
26
27 ALTER TABLE flights
28 ADD CONSTRAINT uq_flight_number UNIQUE (flight_id);
29
30
31
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 58 msec.

✓ Query returned successfully in 58 msec. ✕

Total rows: Query complete 00:00:00.058

CRLF Ln 18, Col 1

10°C Sunny

Search

ENG 12:41 PM 10/15/2025



pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
15 ADD CONSTRAINT cnk_airport_name_lengthn
16 CHECK (LENGTH(airport_name) >= 10);
17 5
18 ALTER TABLE passengers
19 ADD CONSTRAINT uq_passenger_passport UNIQUE (passport_number);
20
21 ALTER TABLE airport
22 ADD CONSTRAINT uq_airport_name UNIQUE (airport_name);
23
24 ALTER TABLE airline
25 ADD CONSTRAINT uq_airline_name UNIQUE (airline_name);
26
27 ALTER TABLE flights
28 ADD CONSTRAINT uq_flight_number UNIQUE (flight_id);
29
30
31
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 58 msec.

Total rows: Query complete 00:00:00.058

CRLF Ln 18, Col 1

10°C Sunny

Search

ENG 12:41 PM 10/15/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

Execute query

```
28 ADD CONSTRAINT uq_flight_number UNIQUE (flight_number, id);
29
30
31 6
32 ALTER TABLE passengers
33 ADD CONSTRAINT check_gender_age
34 CHECK (
35     (gender = 'Male' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')
36     OR (gender = 'Female' AND date_of_birth <= CURRENT_DATE - INTERVAL '19 years')
37 );
38 7
39 ALTER TABLE passengers
40 ADD CONSTRAINT chk_citizenship_age
41 CHECK (
42     (country_of_citizenship = 'Kazakhstan' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')
43     OR (country_of_citizenship = 'France' AND date_of_birth <= CURRENT_DATE - INTERVAL '17 years')
44     OR (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')
45 );
```

Data Output Messages Notifications

ERROR: ограничение-проверку "check\_gender\_age" отношения "passengers" нарушает некоторая строка

ОШИБКА: ограничение-проверку "check\_gender\_age" отношения "passengers" нарушает некоторая строка

SQL state: 23514

Total rows: Query complete 00:00:00.069

CRLF Ln 31, Col 2

10°C Sunny

Search

ENG 12:48 PM 10/15/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
34 CHECK (  
35     (gender = 'Male' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')  
36     OR (gender = 'Female' AND date_of_birth <= CURRENT_DATE - INTERVAL '19 years')  
37 );  
38  
39 ALTER TABLE passengers  
40 ADD CONSTRAINT chk_citizenship_age  
41 CHECK (  
42     (country_of_citizenship = 'Kazakhstan' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')  
43     OR (country_of_citizenship = 'France' AND date_of_birth <= CURRENT_DATE - INTERVAL '17 years')  
44     OR (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_of_birth <= CURRENT_DATE - INTERVAL '19 years')  
45 );  
46  
47 ALTER TABLE booking  
48 ADD COLUMN ticket_discount NUMERIC(5,2);  
49  
50 ALTER TABLE booking
```

Data Output Messages Notifications

ERROR: ограничение-проверку "chk\_citizenship\_age" отношения "passengers" нарушает некоторая строка

ОШИБКА: ограничение-проверку "chk\_citizenship\_age" отношения "passengers" нарушает некоторая строка  
SQL state: 23514

Total rows: Query complete 00:00:00.044 CRLF Ln 38, Col 2

10°C Sunny

Search

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17\*

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
40 ADD CONSTRAINT chk_citizenship_age
41 CHECK (
42     (country_of_citizenship = 'Kazakhstan' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')
43     OR (country_of_citizenship = 'France' AND date_of_birth <= CURRENT_DATE - INTERVAL '17 years')
44     OR (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_of_birth <= CURRENT_DATE - INTERVAL '19 years')
45 );
46
47 ALTER TABLE booking
48 ADD COLUMN ticket_discount NUMERIC(5,2);
49
50 ALTER TABLE booking
51 ADD CONSTRAINT chk_ticket_discount
52 CHECK (
53     (created_at >= DATE '2024-01-01' AND ticket_discount = 0.05)
54     OR (created_at < DATE '2024-01-01' AND ticket_discount = 0.10)
55 );
56
```

Data Output Messages Notifications

ERROR: столбец "ticket\_discount" отношения "booking" уже существует

ОШИБКА: столбец "ticket\_discount" отношения "booking" уже существует

SQL state: 42701

Total rows: Query complete 00:00:00.056

CRLF Ln 46, Col 2

10°C Sunny

Search

12:48 PM 10/15/2025