

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query Query History Scratch Pad

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT chk_passenger_age CHECK (
3     DATE_PART('year', AGE(CURRENT_DATE, birth_date)) >= 18
4 );
5
6
```

Data Output Messages Notifications

No data output. Execute a query to get output.

Активация Windows
Чтобы активировать Windows, перейдите в раздел "Параметры".

Total rows: Query complete 00:00:00.105 CRLF Ln 6, Col 1

Поиск

Morning rain 08:11 13.10.2025

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE tickets
2 ADD CONSTRAINT chk_ticket_price CHECK (
3     price > 0 AND price <= 50000
4 );
5
```

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 278 msec.

abc

Активация Windows
Чтобы активировать Windows, перейдите в раздел "Параметры".

Total rows: Query complete 00:00:00.270 CRLF Ln 5, Col 1

Поиск

Morning rain 08:14 13.10.2025

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query

```
1 ALTER TABLE passengers
2 ADD COLUMN luggage_weight NUMERIC(5,2);
3
4 ALTER TABLE passengers
5 ADD CONSTRAINT chk_luggage_weight CHECK (
6     luggage_weight BETWEEN 1 AND 23
7 );
8
```

Query History

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 135 msec.

Total rows: Query complete 00:00:00.135

Активация Windows

Чтобы активировать Windows, перейдите в

Query returned successfully in 135 msec. X

08:14 13.10.2025

pgAdmin4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query Query History Scratch Pad

```
1 ALTER TABLE airports
2 ADD CONSTRAINT chk_airport_name_length CHECK (
3     LENGTH(name) >= 10
4 );
5
6
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 279 msec.

Total rows: Query complete 00:00:00.279

Активация Windows
Чтобы активировать Windows, перейдите в
p... Query returned successfully in 279 msec. X

08:15
13.10.2025

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query

```
4 ALTER TABLE airports
5 ADD CONSTRAINT unq_airport_name UNIQUE (name);
6
7 ALTER TABLE flights
8 ADD CONSTRAINT unq_flight_no UNIQUE (flight_no);
9
10 ALTER TABLE passengers
11 ADD CONSTRAINT unq_passenger_name UNIQUE (full_name);
12
13 ALTER TABLE tickets
14 ADD CONSTRAINT unq_ticket UNIQUE (passenger_id, flight_id);
15
```

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 182 msec.

Активация Windows

Чтобы активировать Windows, перейдите в

Query returned successfully in 182 msec. X

Total rows: Query complete 00:00:00.182 CRLF Ln 15, Col 1

Поиск

08:15 13.10.2025

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query

```
1 ALTER TABLE passengers
2 ADD COLUMN gender VARCHAR(10);
3
4 ALTER TABLE passengers
5 ADD CONSTRAINT chk_gender_age CHECK (
6     (gender = 'Male' AND DATE_PART('year', AGE(CURRENT_DATE, birth_date)) >= 18)
7     OR
8     (gender = 'Female' AND DATE_PART('year', AGE(CURRENT_DATE, birth_date)) >= 19)
9 );
10
11
12
```

Query History

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 236 msec.

Total rows: Query complete 00:00:00.239

Активация Windows

Чтобы активировать Windows, перейдите в

Query returned successfully in 230 msec. X

08:16 13.10.2025

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query

```
1 ALTER TABLE passengers
2 ADD COLUMN country_of_citizenship VARCHAR(50);
3
4 ALTER TABLE passengers
5 ADD CONSTRAINT chk_country_age CHECK (
6     (country_of_citizenship = 'Kazakhstan' AND DATE_PART('year', AGE(CURRENT_DATE,
7     OR
8     (country_of_citizenship = 'France' AND DATE_PART('year', AGE(CURRENT_DATE, birt
9     OR
10    (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND DATE_PART('year', A
11 );
```

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 286 msec.

Total rows: Query complete 00:00:00.286

CRLF Ln 10, Col 43

Активация Windows
Чтобы активировать Windows, перейдите в раздел "Параметры".

Поиск

Rain coming

08:16
13.10.2025

pgAdmin4

File Object Tools Edit View Window Help

Object Explorer Servers

lab4/postgres@PostgreSQL 17

Query

```
1 ALTER TABLE tickets
2 ADD COLUMN created_at DATE DEFAULT CURRENT_DATE,
3 ADD COLUMN ticket_discount NUMERIC(5,2);
4
5 ALTER TABLE tickets
6 ADD CONSTRAINT chk_ticket_discount CHECK (
7     (created_at >= '2024-01-01' AND ticket_discount = price * 0.05)
8     OR
9     (created_at < '2024-01-01' AND ticket_discount = price * 0.10)
10 );
11
```

Scratch Pad

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 154 msec.

Total rows: Query complete 00:00:00.154

Активация Windows

Чтобы активировать Windows, перейдите в

Query returned successfully in 154 msec. X

08:17 13.10.2025