

pgAdmin 4

File Object Tools Edit View Window Help

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 - last_name
 - date_of_birth
 - gender
 - country_of_citizenship
 - country_of_residence
 - passport_number
 - created_at
 - update_at

airport_database/postgres@labwork* X

airport_database/postgres@labwork

No limit

Query Query History

```
1 alter table passengers add constraint check_age_min check(date_of_birth <= current_date - interval '10 years')
2
3
```

Execute script

F5

Data Output Messages Notifications

ERROR: ограничение "check_age_min" для отношения "passengers" уже существует

ОШИБКА: ограничение "check_age_min" для отношения "passengers" уже существует
SQL state: 42710

Total rows: Query complete 00:00:00.068

LF Ln 1, Col 103

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 - > security_check
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airport_database/postgres@labwork* x

airport_database/postgres@labwork

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Query Query History

```
1 alter table booking add constraint check_booking_price check(ticket_price <= 50000 and ticket_price > 0)
2
3
```

Scratch Pad x

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 67 msec.

Total rows: Query complete 00:00:00.067

✓ Query returned successfully in 67 msec. ✕

LF Ln 1, Col 104

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Schemas (1)

public

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Domains

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FTS Parsers

FTS Templates

Foreign Tables

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Materialized Views

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Tables (10)

airline

airport

baggage

Columns (5)

baggage_id

weight_in_kg

created_date

update_date

booking_id

Constraints

Indexes

RLS Policies

Rules

Triggers

baggage_check

boarding_pass

booking

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

```
1 alter table baggage add constraint check_baggage_weight check(weight_in_kg >= 1 and weight_in_kg <= 23)
2
3
```

Data Output

Messages

Notifications

ALTER TABLE

Query returned successfully in 77 msec.

Total rows:

Query complete 00:00:00.077

✓ Query returned successfully in 77 msec. ✕

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- airport
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- state
- city
- created_at
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- Triggers
- baggage
- baggage_check

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

```
1 alter table airport add constraint check_char_count check(length(airport_name) >= 10)
2
3
```

Data Output

Messages

Notifications

ALTER TABLE

Query returned successfully in 64 msec.

Total rows:

Query complete 00:00:00.064

✓ Query returned successfully in 64 msec. ✕

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 - created_at
 - update_at
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- > Types

airport_database/postgres@labwork* X

airport_database/postgres@labwork

No limit

Query Query History

```
1 alter table airline add constraint code unique (airline_code);
2 alter table airport add constraint port_name unique (airport_name);
3 alter table baggage add constraint bag_id unique (baggage_id);
4 alter table baggage_check add constraint check_res unique (baggage_check_id);
5 alter table boarding_pass add constraint seat_place unique (seat);
6 alter table booking add constraint booking_platform unique (airline_code);
7 alter table booking_flight add constraint flight_id unique (booking_flight_id);
8 alter table flights add constraint number unique (flight_number);
9 alter table passengers add constraint passp_num unique (passport_number);
10 alter table security_check add constraint res unique (check_result);
```

Data Output Messages Notifications

ERROR: создать уникальный индекс "code" не удалось
Ключ (airline_code)=(0) дублируется.

ОШИБКА: создать уникальный индекс "code" не удалось
SQL state: 23505
Detail: Ключ (airline_code)=(0) дублируется.

Total rows: Query complete 00:00:00.069

LF Ln 10, Col 69

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Tables (10)

airline

airport

baggage

baggage_check

boarding_pass

booking

booking_flight

flights

passengers

Columns (10)

passenger_id

first_name

last_name

date_of_birth

gender

country_of_citizenship

country_of_residence

passport_number

created_at

update_at

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

1

2

3

alter table passengers add constraint male_older_18 check (date_of_birth <= current_date - interval '18 years');

--alter table passengers add constraint female_older_19 check (date_of_birth <= current_date - interval '19 years'

Data Output

Messages

Notifications

ALTER TABLE

Query returned successfully in 73 msec.

✓ Query returned successfully in 73 msec.

Total rows: Query complete 00:00:00.073

LF Ln 2, Col 3

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 - Views
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airport_database/postgres@labwork* X

airport_database/postgres@labwork

No limit

Query Query History

```
1 alter table passengers add constraint female_older_19 check (date_of_birth <= current_date - interval '19 years')
2
```

Scratch Pad X

Data Output Messages Notifications

ERROR: ограничение "female_older_19" для отношения "passengers" уже существует

ОШИБКА: ограничение "female_older_19" для отношения "passengers" уже существует
SQL state: 42710

Total rows: Query complete 00:00:00.069

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airport_database/postgres@labwork* X

airport_database/postgres@labwork

No limit

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT check_age_by_country
3 CHECK (
4     (country_of_citizenship = 'Kazakhstan' AND date_of_birth <= CURRENT_DATE - INTERVAL '18 years')
5     OR
6     (country_of_citizenship = 'France' AND date_of_birth <= CURRENT_DATE - INTERVAL '17 years')
7     OR
8     (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_of_birth <= CURRENT_DATE - INTERVAL '19 years')
9 ) NOT VALID;
10
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 66 msec.

✓ Query returned successfully in 66 msec. X

Total rows: Query complete 00:00:00.066

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Object Explorer

Schemas (1)

public

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baggage

baggage_check

boarding_pass

booking

Columns (7)

booking_id

passenger_id

booking_platform

created_at

update_at

status

ticket_price

Constraints

Indexes

RLS Policies

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

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

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 76 msec.

Total rows: Query complete 00:00:00.076

✓ Query returned successfully in 76 msec. ✕

LF Ln 11, Col 1