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pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- 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
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - Columns (10)
 - passenger_id
 - first_name
 - last_name
 - date of birth

postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT chk_passenger_age
3 CHECK (EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 18);
4
```

Scratch Pad x

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 54 msec.

Total rows: Query complete 00:00:00.054 CRLF

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pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - Columns (7)
 - booking_id
 - passenger_id
 - booking_platform
 - created_at
 - update_at
 - status
 - price
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
 - booking_flight
 - flights
 - passengers
 - security_check

postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

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

Scratch Pad x

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 35 msec.

Total rows: Query complete 00:00:00.035 CRLF

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Object Explorer

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- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- 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
 - booking_flight
 - flights
 - passengers

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE baggage
2 ADD CONSTRAINT chk_baggage_weight
3 CHECK (weight_in_kg >= 1 AND weight_in_kg <= 23) NOT VALID;
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 56 msec.

Total rows: Query complete 00:00:00.056 CRLF

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 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline
 - airport
 - Columns (7)
 - airport_id
 - airport_name
 - country
 - state
 - city
 - created_at
 - updated_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
 - baggage

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE airport
2 ADD CONSTRAINT chk_airport_name_length
3 CHECK (LENGTH(airport_name) >= 10) NOT VALID;
4
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 42 msec.

Total rows: Query complete 00:00:00.042 CRLF

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 - baggage_check
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 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
 - Login/Group Roles

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE airline
2 ADD CONSTRAINT uq_airline_code
3 UNIQUE (airline_code);
4
5 ALTER TABLE airport
6 ADD CONSTRAINT uq_airport_name
7 UNIQUE (airport_name);
8
9 ALTER TABLE baggage
10 ADD CONSTRAINT uq_baggage_tag
11 UNIQUE (baggage_id);
12
13 ALTER TABLE baggage_check
14 ADD CONSTRAINT uq_baggage_check_bag
15 UNIQUE (baggage_check_id);
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 48 msec.

Total rows: Query complete 00:00:00.048 CRLF

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postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
17 ALTER TABLE boarding_pass
18 ADD CONSTRAINT uq_bp_flight_boardno
19 UNIQUE (booking_id, boarding_pass);
20
21 ALTER TABLE booking
22 ADD CONSTRAINT uq_booking_ref
23 UNIQUE (booking_platform);
24
25 ALTER TABLE booking_flight
26 ADD CONSTRAINT uq_booking_flight_pair
27 UNIQUE (booking_id, flight_id);
28
29 ALTER TABLE flights
30 ADD CONSTRAINT uq_flightno_depdate
31 UNIQUE (flightno, actual_departure);
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 48 msec.

Total rows: Query complete 00:00:00.048 CRLF

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postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
29 ALTER TABLE flights
30 ADD CONSTRAINT uq_flightno_depdate
31 UNIQUE (flight_no, actual_departure);
32
33 ALTER TABLE passengers
34 ADD CONSTRAINT uq_passenger_name_dob
35 UNIQUE (first_name, last_name, date_of_birth);
36
37 ALTER TABLE security_check
38 ADD CONSTRAINT uq_security_check_pax_flight
39 UNIQUE (security_check_id, check_result);
40
41
42
```

Data Output Messages Notifications

ALTER TABLE

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Total rows: Query complete 00:00:00.048 CRLF

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 - 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
 - Constraints
 - Indexes
 - RLS Policies
 - Rules

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT chk_passenger_age_gender
3 CHECK (
4     (gender = 'M' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 18)
5     OR
6     (gender = 'F' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 19)
7 ) NOT VALID;
8
9
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 50 msec.

Total rows: Query complete 00:00:00.050 CRLF

✓ Query returned successfully in 50 msec.

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 - 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
 - Constraints
 - Indexes
 - RLS Policies
 - Rules

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 ALTER TABLE passengers
2 ADD CONSTRAINT chk_passenger_country_age
3 CHECK (
4     (country_of_citizenship = 'Kazakhstan' AND DATE_PART('year', AGE(current_date, date_of_birth)) >= 18)
5     OR
6     (country_of_citizenship = 'France' AND DATE_PART('year', AGE(current_date, date_of_birth)) >= 17)
7     OR
8     (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND DATE_PART('year', AGE(current_date, date_of_birth)) >= 16)
9 ) NOT VALID;
10
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 45 msec.

Total rows: Query complete 00:00:00.045 CRLF

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- foreign tables
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 - airline
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 - baggage_check
 - boarding_pass
 - booking
 - Columns (10)
 - passenger_id
 - first_name
 - last_name
 - date_of_birth
 - gender
 - country_of_citizenship
 - country_of_residence
 - passport_number
 - created_at
 - update_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - booking_flight
 - flights

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

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

```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 57 msec.

Total rows: Query complete 00:00:00.057 CRLF