

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

1 CREATE TABLE Airline_info(
2 airline_id INT,
3 airline_code VARCHAR(30),
4 airline_name VARCHAR(50),
5 airline_country VARCHAR(50),
6 created_at TIMESTAMP,
7 updated_at TIMESTAMP,
8 info VARCHAR(50)
9);
10
11 CREATE TABLE Airport (
12 airport_id INT,
13 airport_name VARCHAR(50),
14 country VARCHAR(50),
15 state VARCHAR(50),
16 city VARCHAR(50),
17 created_at TIMESTAMP,
18 updated_at TIMESTAMP
19);
20
21 create table baggage_check (
22 baggage_check_id INT,
23 check_result VARCHAR(50),
24 created_at TIMESTAMP,
25 updated_at TIMESTAMP,
26 booking_id INT,

Scratch Pad X

Data Output Messages Notifications

CREATE TABLE

Query returned successfully in 66 msec.

Total rows: Query complete 00:00:00.066

✓ Query returned successfully in 66 msec. ✕
CRLF Ln 8, Col 18

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File Object Tools Edit View Window Help

Object Explorer

- public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline_info
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views
- Subscriptions
- suppliers
- Login/Group Roles (16)

Properties x Statistics x Dependencies x Dependents x Processes x

Search

Table name	Total Size	Tuples inserted	Tuples updated	Tuples deleted	Tuples HOT updated	Live tuples	Dead tuples
airline_info	8 KB	0	0	0	0	0	0
airport	8 KB	0	0	0	0	0	0
baggage	8 KB	0	0	0	0	0	0
baggage_check	8 KB	0	0	0	0	0	0
boarding_pass	8 KB	0	0	0	0	0	0
booking	8 KB	0	0	0	0	0	0
booking_flight	8 KB	0	0	0	0	0	0
flights	8 KB	0	0	0	0	0	0
passengers	8 KB	0	0	0	0	0	0
security_check	8 KB	0	0	0	0	0	0

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres... X postgres/postgres@PostgreSQL 17* X postgres/postgres... X

postgres/postgres@PostgreSQL 17

No limit

Query Query History Scratch Pad X

```
1 ALTER TABLE airline_info ADD CONSTRAINT pk_airline_info PRIMARY KEY (airline_id);
2 ALTER TABLE airport ADD CONSTRAINT pk_airport PRIMARY KEY (airport_id);
3 ALTER TABLE baggage_check ADD CONSTRAINT pk_baggage_check PRIMARY KEY (baggage_check_id);
4 ALTER TABLE baggage ADD CONSTRAINT pk_baggage PRIMARY KEY (baggage_id);
5 ALTER TABLE boarding_pass ADD CONSTRAINT pk_boarding_pass PRIMARY KEY (boarding_pass_id);
6 ALTER TABLE booking_flight ADD CONSTRAINT pk_booking_flight PRIMARY KEY (booking_flight_id);
7 ALTER TABLE booking ADD CONSTRAINT pk_booking PRIMARY KEY (booking_id);
8 ALTER TABLE flights ADD CONSTRAINT pk_flights PRIMARY KEY (flight_id);
9 ALTER TABLE passengers ADD CONSTRAINT pk_passengers PRIMARY KEY (passenger_id);
10 ALTER TABLE security_check ADD CONSTRAINT pk_security_check PRIMARY KEY (security_check_id);
11
```

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 11, Col 1

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File Object Tools Edit View Window Help

Object Explorer

- public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline_info
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views
- Subscriptions
- suppliers
- Login/Group Roles (16)

Properties x Statistics x Dependencies x Dependents x Processes x

Search

Type	Name	Restriction
Primary key	public.pk_airline_info	auto

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File Object Tools Edit View Window Help

Welcome postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

1 ALTER TABLE airline_info
2 ALTER COLUMN airline_id SET NOT NULL,
3 ALTER COLUMN airline_code SET NOT NULL,
4 ALTER COLUMN airline_name SET NOT NULL,
5 ALTER COLUMN airline_country SET NOT NULL,
6 ALTER COLUMN created_at SET NOT NULL,
7 ALTER COLUMN updated_at SET NOT NULL,
8 ALTER COLUMN info SET NOT NULL;
9
10 ALTER TABLE airport
11 ALTER COLUMN airport_id SET NOT NULL,
12 ALTER COLUMN airport_name SET NOT NULL,
13 ALTER COLUMN country SET NOT NULL,
14 ALTER COLUMN state SET NOT NULL,
15 ALTER COLUMN city SET NOT NULL,
16 ALTER COLUMN created_at SET NOT NULL,
17 ALTER COLUMN updated_at SET NOT NULL;
18
19 ALTER TABLE baggage_check
20 ALTER COLUMN baggage_check_id SET NOT NULL,
21 ALTER COLUMN check_result SET NOT NULL,
22 ALTER COLUMN created_at SET NOT NULL,
23 ALTER COLUMN updated_at SET NOT NULL,
24 ALTER COLUMN booking_id SET NOT NULL;

Scratch Pad X

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 113 msec.

Total rows: Query complete 00:00:00.113

✓ Query returned successfully in 113 msec. ✕
CRLF Ln 50, Col 39

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History Scratch Pad X

```
1 ALTER TABLE airline_info RENAME TO airline
```

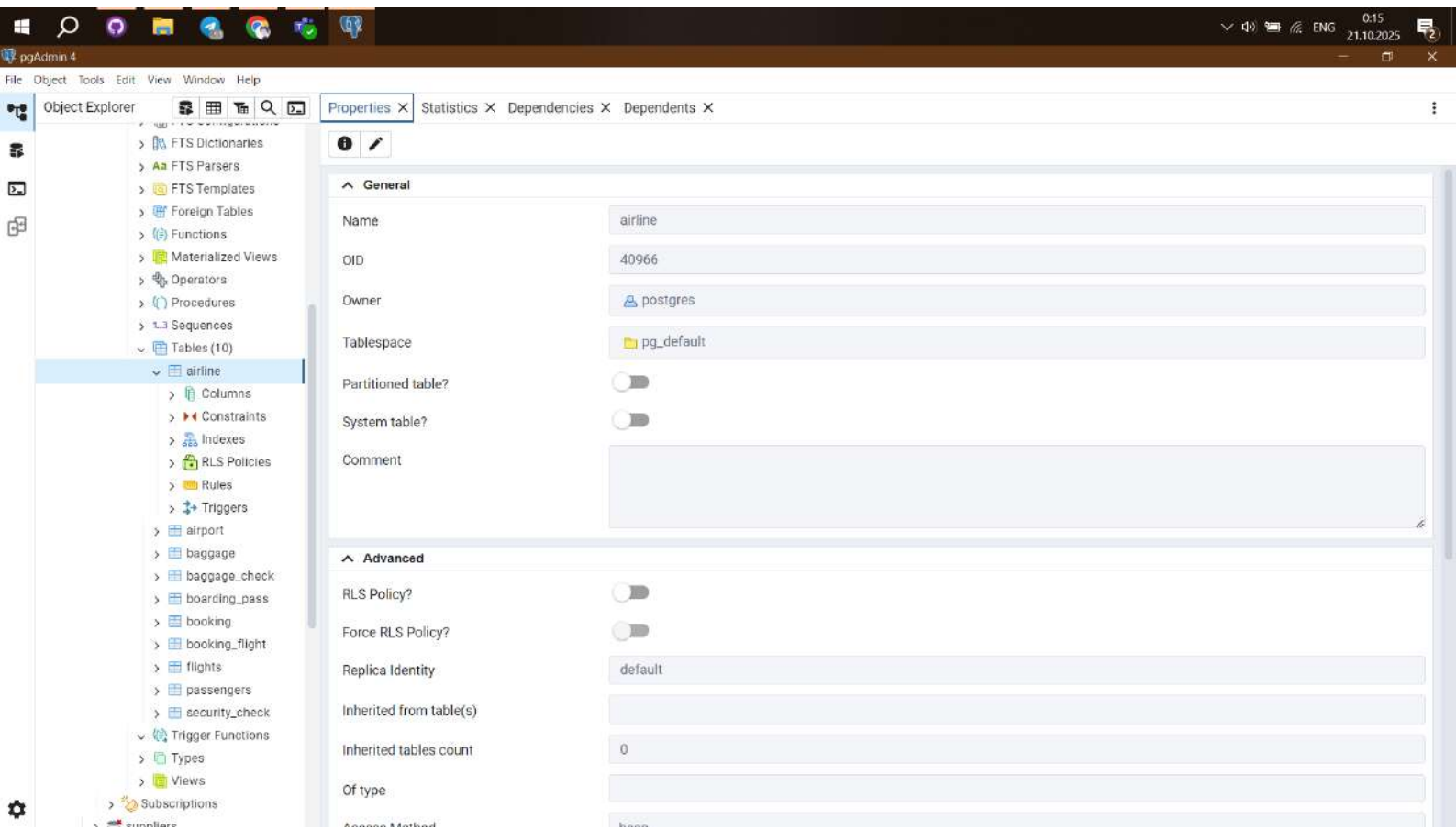
Data Output Messages Notifications

ALTER TABLE

Total rows: Query complete 00:00:00.044

✓ Query returned successfully in 44 msec. ✕

CRLF Ln 1, Col 43



pgAdmin 4

018
21.10.2025

File Object Tools Edit View Window Help

Welcome postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

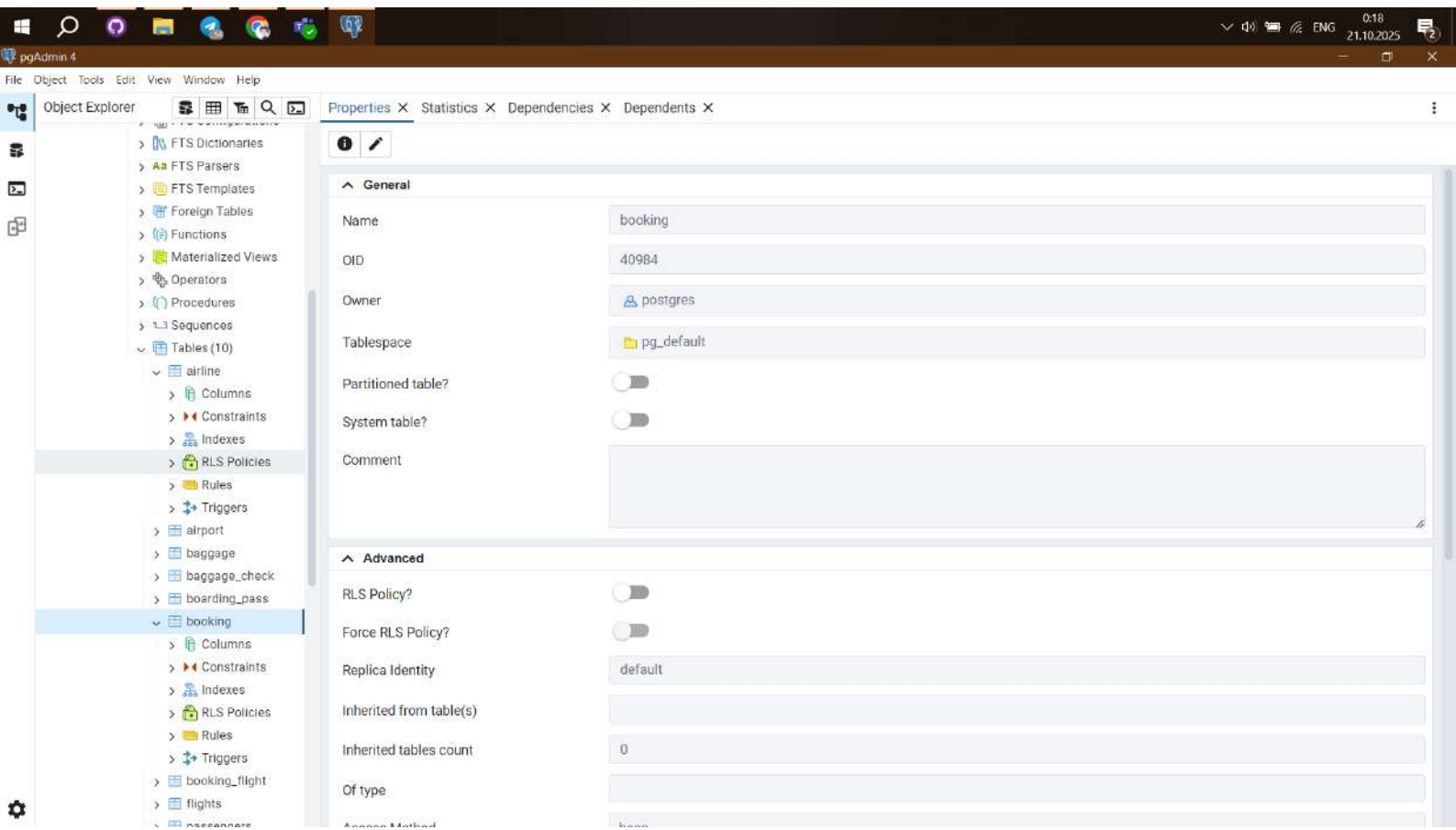
1 ALTER TABLE Booking
2 RENAME COLUMN price TO ticket_price;

Scratch Pad X

Data Output Messages Notifications

ALTER TABLE
Total rows: Query complete 00:00:00.039

✓ Query returned successfully in 39 msec. ✕
CRLF Ln 2, Col 37



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File Object Tools Edit View Window Help

Welcome postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

1 ALTER TABLE Flights
2 ALTER COLUMN departing_gate TYPE text;

Scratch Pad

Data Output Messages Notifications

ALTER TABLE
Total rows: Query complete 00:00:00.073

✓ Query returned successfully in 73 msec. ✕
CRLF Ln 2, Col 39

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

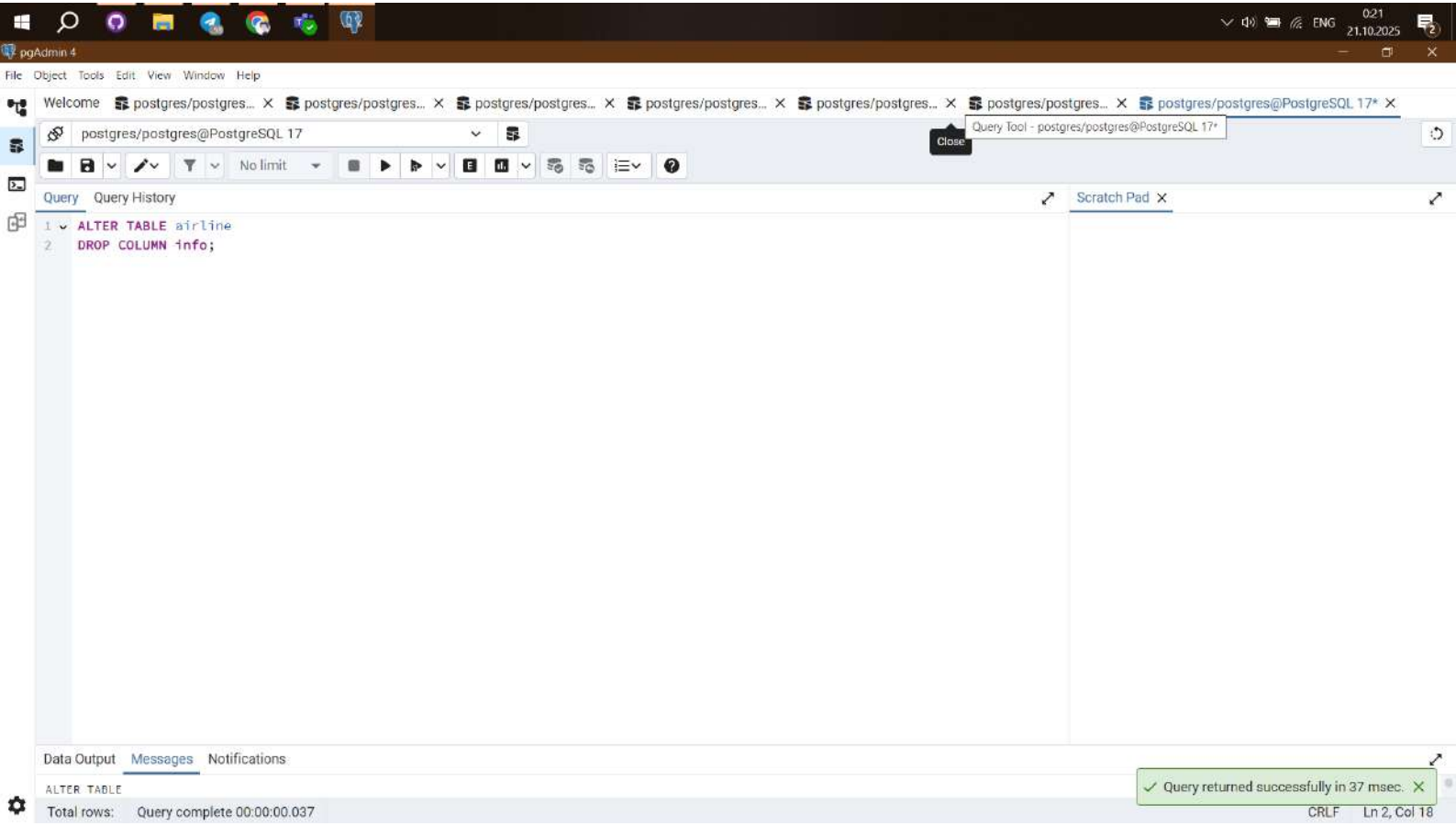
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport_id
 - arriving_airport_id
 - departing_gate
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at
 - Constraints (1)
 - Indexes
 - DL S Policies

Properties Statistics Dependencies Dependents

Search

<input type="checkbox"/>	Name	Data type	Not NULL?	Primary key?	Comment
<input type="checkbox"/>	flight_id	integer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	sch_departure_time	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	sch_arrival_time	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	departing_airport_id	integer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	arriving_airport_id	integer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	departing_gate	text	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	arriving_gate	character varying	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	airline_id	integer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	act_departure_time	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	act_arrival_time	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	created_at	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	updated_at	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Servers > PostgreSQL 17 > Databases > postgres > Schemas > public > Tables > flights



pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- 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
 - updated_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules

Properties Statistics Dependencies Dependents

Search

<input type="checkbox"/>	Name	Data type	Not NULL?	Primary key?	Comment
<input type="checkbox"/>	airline_id	integer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	airline_code	character varying	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	airline_name	character varying	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	airline_country	character varying	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	created_at	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/> false	
<input type="checkbox"/>	updated_at	timestamp without time zone	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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File Object Tools Edit View Window Help

postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History Scratch Pad X

```
21 ADD CONSTRAINT fk_baggage_to_booking
22 FOREIGN KEY (booking_id) REFERENCES booking(booking_id);
23
24 ALTER TABLE boarding_pass
25 ADD CONSTRAINT fk_boarding_pass_to_booking
26 FOREIGN KEY (booking_id) REFERENCES booking(booking_id);
27
28 ALTER TABLE booking_flight
29 ADD CONSTRAINT fk_booking_flight_to_booking
30 FOREIGN KEY (booking_id) REFERENCES booking(booking_id);
31
32 -- 9.3
33
34 ALTER TABLE booking_flight
35 ADD CONSTRAINT fk_booking_flight_to_flight
36 FOREIGN KEY (flight_id) REFERENCES flights(flight_id);
37
38 -- 9.4
39
40 ALTER TABLE flights
41 ADD CONSTRAINT fk_flights_to_departing_airport
42 FOREIGN KEY (departing_airport_id) REFERENCES airport(airport_id);
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 90 msec.

✓ Query returned successfully in 90 msec. ✕

Total rows: Query complete 00:00:00.090 CRLF Ln 12, Col 20

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File Object Tools Edit View Window Help

postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

No limit

Query Query History Scratch Pad X

```
1 -- DDL
2
3 -- 2
4 INSERT INTO Airline (airline_id, airline_code, airline_name, airline_country, created_at, updated_at)
5 VALUES (1, 'KZ001', 'KazAir', 'Kazakhstan', NOW(), NOW());
6
7 -- 3
8 UPDATE Airline
9 SET airline_country = 'Turkey'
10 WHERE airline_name = 'KazAir';
11
12 -- 4
13 INSERT INTO Airline (airline_id, airline_code, airline_name, airline_country, created_at, updated_at)
14 VALUES
15 (2, 'FR001', 'AirEasy', 'France', NOW(), NOW()),
16 (3, 'BR001', 'FlyHigh', 'Brazil', NOW(), NOW()),
17 (4, 'PL001', 'FlyFly', 'Poland', NOW(), NOW());
18
19 -- 5.
20 DELETE FROM Flights
21 WHERE EXTRACT(YEAR FROM sch_arrival_time) = 2024;
22
23 -- 6
24 UPDATE Booking
25 SET ticket_price = ticket_price * 1.15;
26
27 -- 7
28 DELETE FROM Booking
29 WHERE ticket_price < 10000
```

✓ Query returned successfully in 38 msec. ✕

Total rows: Query complete 00:00:00.038

CRLF Ln 27, Col 5

pgAdmin 4

File Object Tools Edit View Window Help

postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres... X postgres/postgres@PostgreSQL 17* X postgres/postgres... X

postgres/postgres@PostgreSQL 17

No limit

Query Query History Scratch Pad X

```
180 (179, 'Sharm El Sheikh International Airport', 'Egypt', 'South Sinai', 'Sharm El Sheikh', NOW(), NOW()),
181 (180, 'Hurghada International Airport', 'Egypt', 'Red Sea', 'Hurghada', NOW(), NOW()),
182 (181, 'Casablanca Mohammed V International Airport', 'Morocco', 'Casablanca-Settat', 'Casablanca', NOW(), NOW()),
183 (182, 'Marrakech Menara Airport', 'Morocco', 'Marrakech-Safi', 'Marrakech', NOW(), NOW()),
184 (183, 'Tunis-Carthage International Airport', 'Tunisia', 'Tunis', 'Tunis', NOW(), NOW()),
185 (184, 'Algiers Houari Boumedienne Airport', 'Algeria', 'Algiers', 'Algiers', NOW(), NOW()),
186 (185, 'Tripoli International Airport', 'Libya', 'Tripoli', 'Tripoli', NOW(), NOW()),
187 (186, 'Cape Town International Airport', 'South Africa', 'Western Cape', 'Cape Town', NOW(), NOW()),
188 (187, 'Johannesburg O.R. Tambo International Airport', 'South Africa', 'Gauteng', 'Johannesburg', NOW(), NOW()),
189 (188, 'Durban King Shaka International Airport', 'South Africa', 'KwaZulu-Natal', 'Durban', NOW(), NOW()),
190 (189, 'Lagos Murtala Muhammed International Airport', 'Nigeria', 'Lagos', 'Lagos', NOW(), NOW()),
191 (190, 'Abuja Nnamdi Azikiwe International Airport', 'Nigeria', 'Federal Capital Territory', 'Abuja', NOW(), NOW()),
192 (191, 'Nairobi Jomo Kenyatta International Airport', 'Kenya', 'Nairobi', 'Nairobi', NOW(), NOW()),
193 (192, 'Addis Ababa Bole International Airport', 'Ethiopia', 'Addis Ababa', 'Addis Ababa', NOW(), NOW()),
194 (193, 'Dar es Salaam Julius Nyerere International Airport', 'Tanzania', 'Dar es Salaam', 'Dar es Salaam', NOW(), NOW()),
195 (194, 'Entebbe International Airport', 'Uganda', 'Central Region', 'Entebbe', NOW(), NOW()),
196 (195, 'Kigali International Airport', 'Rwanda', 'Eastern Province', 'Kigali', NOW(), NOW()),
197 (196, 'Lusaka Kenneth Kaunda International Airport', 'Zambia', 'Lusaka', 'Lusaka', NOW(), NOW()),
198 (197, 'Harare Robert Gabriel Mugabe International Airport', 'Zimbabwe', 'Harare', 'Harare', NOW(), NOW()),
199 (198, 'Gaborone Sir Seretse Khama International Airport', 'Botswana', 'South-East District', 'Gaborone', NOW(), NOW()),
200 (199, 'Windhoek Hosea Kutako International Airport', 'Namibia', 'Khomas', 'Windhoek', NOW(), NOW()),
201 (200, 'Maputo International Airport', 'Mozambique', 'Maputo', 'Maputo', NOW(), NOW());
```

Data Output Messages Notifications

ERROR: значение не помещается в тип character varying(50)

ОШИБКА: значение не помещается в тип character varying(50)

SQL state: 22001

Total rows: Query complete 00:00:00.037 CRLF Ln 201, Col 87

public
airline
airline_id integer
airline_code character varying(30)
airline_name character varying(50)
airline_country character varying(50)
created_at timestamp without time zone
updated_at timestamp with out time zone

public
airport
airport_id integer
airport_name character varying(50)
country character varying(50)
state character varying(50)
city character varying(50)
created_at timestamp without time zone
updated_at timestamp with out time zone

public
passengers
passenger_id integer
first_name character varying(50)
last_name character varying(50)
date_of_birth date
gender character varying(50)
country_of_citizenship character varying(50)
country_of_residence character varying(50)
passport_number character varying(20)
created_at timestamp without time zone
updated_at timestamp with out time zone

public
flights
flight_id integer
sch_departure_time timestamp without time zone
sch_arrival_time timestamp without time zone
departing_airport_id integer
arriving_airport_id integer
departing_gate text
arriving_gate character varying(50)
airline_id integer
act_departure_time timestamp without time zone
act_arrival_time timestamp without time zone
created_at timestamp without time zone
updated_at timestamp with out time zone

public
booking
booking_id integer
flight_id integer
passenger_id integer
booking_platform character varying(50)
created_at timestamp without time zone
updated_at timestamp with out time zone
status character varying(50)
ticket_price numeric(7,2)

public
security_check
security_check_id integer
check_result character varying(20)
created_at timestamp without time zone
updated_at timestamp with out time zone
passenger_id integer

public
booking_flight
booking_flight_id integer
booking_id integer
flight_id integer
created_at timestamp without time zone
updated_at timestamp with out time zone

public
baggage_check
baggage_check_id integer
check_result character varying(50)
created_at timestamp without time zone
updated_at timestamp with out time zone
booking_id integer
passenger_id integer

public
baggage
baggage_id integer
weight_in_kg numeric(4,2)
created_at timestamp without time zone
updated_at timestamp with out time zone
booking_id integer

public
boarding_pass
boarding_pass_id integer
seat character varying(50)
boarding_time timestamp without time zone
created_at timestamp without time zone
updated_at timestamp with out time zone