

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | airport_DB/emilak... | 5.sql X

airpot_DB/emilakshabayev@s

Query | Query History

```
38 --6
39 alter table passengers
40 add constraint chk_gender_age
41 check (
42 (gender = 'Male' and extract(year from age(current_date, date_of_birth)) >= 18)
43 or
44 (gender = 'Female' and extract(year from age(current_date, date_of_birth)) >= 19)
45 );
46
47 --7
48 alter table passengers
49 add constraint chk_country_age
50 check (
51 (country_of_citizenship = 'Kazakhstan' and extract(year from age(current_date, date_of_birth)) >= 18)
52 or
53 (country_of_citizenship = 'France' and extract(year from age(current_date, date_of_birth)) >= 17)
54 or
55 (country_of_citizenship not in ('Kazakhstan','France') and extract(year from age(current_date, date_of_birth)) >= 19)
56 );
57
58 --8
59 alter table booking
60 add column ticket_discount numeric(8,2);
61
62 alter table booking
63 add constraint chk_ticket_discount
64 check (
```

Data Output | Messages | Notifications

ERROR: check constraint "chk_country_age" of relation "passengers" is violated by some row

SQL state: 23514

Total rows: Query complete 00:00:00.019 LF Ln 56, Col 3

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | airport_DB/emilak... | 5.sql X

airpot_DB/emilakshabayev@s

Query | Query History

```
43 or
44 (gender = 'Female' and extract(year from age(current_date, date_of_birth)) >= 19)
45 );
46
47 --7
48 alter table passengers
49 add constraint chk_country_age
50 check (
51 (country_of_citizenship = 'Kazakhstan' and extract(year from age(current_date, date_of_birth)) >= 18)
52 or
53 (country_of_citizenship = 'France' and extract(year from age(current_date, date_of_birth)) >= 17)
54 or
55 (country_of_citizenship not in ('Kazakhstan','France') and extract(year from age(current_date, date_of_birth)) >= 19)
56 );
57
58 --8
59 alter table booking
60 add column ticket_discount numeric(8,2);
61
62 alter table booking
63 add constraint chk_ticket_discount
64 check (
65 (created_at >= date '2024-01-01' and ticket_discount = round(price * 0.05, 2))
66 or
67 (created_at < date '2024-01-01' and ticket_discount = round(price * 0.10, 2))
68 );
69
```

Data Output | Messages | Notifications

ALTER TABLE

Query returned successfully in 37 msec.

Total rows: Query complete 00:00:00.037

Query returned successfully in 37 msec. X LF Ln 68, Col 3

Object Explorer | Servers (1) | Databases (4) | Phonebook | airport_DB | public | Tables (10) | Columns (7)

Query | Query History | Execute script | Scratch Pad

```
1 --1
2 alter table passengers
3 add constraint chk_passenger_min_age
4 check (extract(year from age(current_date, date_of_birth)) >= 10);
5
6 --2
7 alter table booking
8 add constraint chk_booking_price_range
9 check (ticket_price > 0 and ticket_price <= 50000);
10
11 --3
12 alter table baggage
13 add constraint chk_baggage_weight
14 check (weight_in_kg between 1 and 23);
15
16 --4
17 alter table airport
18 add constraint chk_airport_name_length
19 check (length(airport_name) >= 10);
20
21 --5
22 alter table airline
23 add constraint uq_airline_code unique(airline_code);
24
25 alter table airport
26 add constraint uq_airport_name unique(airport_name);
```

Data Output | Messages | Notifications

ALTER TABLE

Query returned successfully in 126 msec.

Total rows: Query complete 00:00:00.126 LF Ln 5, Col 1

Object Explorer | Servers (1) | Databases (4) | Phonebook | airport_DB | public | Tables (10) | Columns (7)

Query | Query History | Scratch Pad

```
1 --1
2 alter table passengers
3 add constraint chk_passenger_min_age
4 check (extract(year from age(current_date, date_of_birth)) >= 10);
5
6 --2
7 alter table booking
8 add constraint chk_booking_price_range
9 check (price > 0 and price <= 50000);
10
11 --3
12 alter table baggage
13 add constraint chk_baggage_weight
14 check (weight_in_kg between 1 and 23);
15
16 --4
17 alter table airport
18 add constraint chk_airport_name_length
19 check (length(airport_name) >= 10);
20
21 --5
22 alter table airline
23 add constraint uq_airline_code unique(airline_code);
24
25 alter table airport
26 add constraint uq_airport_name unique(airport_name);
```

Data Output | Messages | Notifications

ALTER TABLE

Query returned successfully in 28 msec.

Total rows: Query complete 00:00:00.028 LF Ln 10, Col 1

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | 5.sql* | airport_DB/emilakshabayev@s

airpot_DB/emilakshabayev@s

Query | Query History | Scratch Pad

```
1 --1
2 alter table passengers
3 add constraint chk_passenger_min_age
4 check (extract(year from age(current_date, date_of_birth)) >= 10);
5
6 --2
7 alter table booking
8 add constraint chk_booking_price_range
9 check (price > 0 and price <= 50000);
10
11 --3
12 alter table baggage
13 add constraint check_baggage_weight
14 check (weight_in_kg between 1 and 23);
15
16 --4
17 alter table airport
18 add constraint chk_airport_name_length
19 check (length(airport_name) >= 10);
20
21 --5
22 alter table airline
23 add constraint uq_airline_code unique(airline_code);
24
25 alter table airport
26 add constraint uq_airport_name unique(airport_name);
```

Data Output | Messages | Notifications

ALTER TABLE

Query returned successfully in 33 msec.

Total rows: Query complete 00:00:00.033

✓ Query returned successfully in 33 msec. X

LF Ln 15, Col 1

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | 5.sql* | airport_DB/emilakshabayev@s

airpot_DB/emilakshabayev@s

Query | Query History | Scratch Pad

```
1 --1
2 alter table passengers
3 add constraint chk_passenger_min_age
4 check (extract(year from age(current_date, date_of_birth)) >= 10);
5
6 --2
7 alter table booking
8 add constraint chk_booking_price_range
9 check (price > 0 and price <= 50000);
10
11 --3
12 alter table baggage
13 add constraint check_baggage_weight
14 check (weight_in_kg between 1 and 23);
15
16 --4
17 alter table airport
18 add constraint chk_airport_name_length
19 check (length(airport_name) >= 10);
20
21 --5
22 alter table airline
23 add constraint uq_airline_code unique(airline_code);
24
25 alter table airport
26 add constraint uq_airport_name unique(airport_name);
```

Data Output | Messages | Notifications

ALTER TABLE

Query returned successfully in 86 msec.

Total rows: Query complete 00:00:00.086

✓ Query returned successfully in 86 msec. X

LF Ln 20, Col 1

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | airport_DB/emilakshabayev@s | 5.sql

Servers (1)
Databases (4)
Lab2
Phonebook
airport_DB
Casts
Catalogs
Event Triggers
Extensions
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
airport
baggage
Columns (5)
baggage_id
weight_in_kg
created_date
update_date

Query | Query History | Scratch Pad

```
--4
16 alter table airport
17 add constraint chk_airport_name_length
18 check (length(airport_name) >= 10);
19
20
21 --5
22 alter table airline
23 add constraint uq_airline_code unique(airline_code);
24
25 alter table airport
26 add constraint uq_airport_name unique(airport_name);
27
28 alter table passengers
29 add constraint uq_passport_number unique(passport_number);
30
31 alter table booking_flight
32 add constraint uq_booking_flight unique(booking_id, flight_id);
33
34 alter table boarding_pass
35 add constraint uq_boarding_pass_per_booking unique(booking_id);
36
37
38 --6
39 alter table passengers
40 add constraint chk_gender_age
41 check (
```

Data Output | Messages | Notifications

ERROR: could not create unique index "uq_boarding_pass_per_booking"
Key (booking_id)=(190) is duplicated.

SQL state: 23505
Detail: Key (booking_id)=(190) is duplicated.

Total rows: Query complete 00:00:00.045 | LF | Ln 36, Col 1

Object Explorer | Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | airport_DB/emilakshabayev@s | 5.sql

Servers (1)
Databases (4)
Lab2
Phonebook
airport_DB
Casts
Catalogs
Event Triggers
Extensions
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
airport
baggage
Columns (5)
baggage_id
weight_in_kg
created_date
update_date

Query | Query History | Scratch Pad

```
26 add constraint uq_airport_name unique(airport_name);
27
28 alter table passengers
29 add constraint uq_passport_number unique(passport_number);
30
31 alter table booking_flight
32 add constraint uq_booking_flight unique(booking_id, flight_id);
33
34 alter table boarding_pass
35 add constraint uq_boarding_pass_per_booking unique(booking_id);
36
37
38 --6
39 alter table passengers
40 add constraint chk_gender_age
41 check (
42 (gender = 'Male' and extract(year from age(current_date, date_of_birth)) >= 18)
43 or
44 (gender = 'Female' and extract(year from age(current_date, date_of_birth)) >= 19)
45 );
46
47 --7
48 alter table passengers
49 add constraint chk_country_age
50 check (
51 (country_of_citizenship = 'Kazakhstan' and extract(year from age(current_date, date_of_t
```

Data Output | Messages | Notifications

ERROR: check constraint "chk_gender_age" of relation "passengers" is violated by some row

SQL state: 23514

Total rows: Query complete 00:00:00.035 | LF | Ln 46, Col 1