

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
3 SELECT passenger_id, date_of_birth
4 FROM passengers
5 WHERE date_of_birth > (CURRENT_DATE - INTERVAL '10 years');
6
7 ALTER TABLE passengers
8 ADD CONSTRAINT chk_passengers_min_age_10
9 CHECK (date_of_birth <= (CURRENT_DATE - INTERVAL '10 years'))
10 NOT VALID;
11
12 UPDATE passengers
13 SET date_of_birth = (CURRENT_DATE - INTERVAL '10 years')::date
14 WHERE date_of_birth IS NULL
15 OR date_of_birth > (CURRENT_DATE - INTERVAL '10 years');
16
17 ALTER TABLE passengers
18 VALIDATE CONSTRAINT chk_passengers_min_age_10;
19
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 41 msec.

You are currently running version 9.0 of pgAdmin 4, however the current version is 9.8. Please click [here](#) for more information.

Total rows: Query complete 00:00:00.041 CRLF Ln 11

10°C Clear Поиск 14.10.2023

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
19
20
21
22 UPDATE booking
23 SET ticket_price = GREATEST(0, LEAST(ticket_price, 50000))
24 WHERE ticket_price IS NULL
25 OR ticket_price < 0
26 OR ticket_price > 50000;
27
28 ALTER TABLE booking
29 ADD CONSTRAINT chk_booking_price_0_50000
30 CHECK (ticket_price BETWEEN 0 AND 50000)
31 NOT VALID;
32
33 ALTER TABLE booking VALIDATE CONSTRAINT chk_booking_price_0_50000;
34
35
36
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 29 msec.

Total rows: Query complete 00:00:00.029 CRLF Ln 28

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pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
38 select * from baggage
39
40 UPDATE baggage
41 SET weight_in_kg = GREATEST(1, LEAST(weight_in_kg, 23))
42 WHERE weight_in_kg IS NULL OR weight_in_kg < 1 OR weight_in_kg > 23;
43
44 ALTER TABLE baggage
45 ADD CONSTRAINT chk_baggage_weight_1_23
46 CHECK (weight_in_kg BETWEEN 1 AND 23)
47 NOT VALID;
48
49 ALTER TABLE baggage VALIDATE CONSTRAINT chk_baggage_weight_1_23;
50
51
52
53
54
55
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 32 msec.

Total rows: Query complete 00:00:00.032

Query returned successfully in 32 msec. X

pgAdmin 4

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

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Query Query History

```
46 CHECK (weight_in_kg BETWEEN 1 AND 23)
47 NOT VALID;
48
49 ALTER TABLE baggage VALIDATE CONSTRAINT chk_baggage_weight_1_23;
50
51
52 UPDATE airport
53 SET airport_name = COALESCE(airport_name, '') || ' Airport'
54 WHERE airport_name IS NULL OR LENGTH(airport_name) < 10;
55
56 ALTER TABLE airport
57 ADD CONSTRAINT chk_airport_name_len10
58 CHECK (airport_name IS NOT NULL AND LENGTH(airport_name) >= 10)
59 NOT VALID;
60
61 ALTER TABLE airport VALIDATE CONSTRAINT chk_airport_name_len10;
62
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 30 msec.

Total rows: Query complete 00:00:00.030

Query returned successfully in 30 msec. X

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
60
61 ALTER TABLE airport VALIDATE CONSTRAINT chk_airport_name_len10;
62
63 DELETE FROM airline
64 WHERE airline_id IN (
65     SELECT airline_id
66     FROM airline
67     WHERE airline_name = 'Cathay Pacific'
68     LIMIT 1
69 );
70
71
72
73 ALTER TABLE airline
74 ADD CONSTRAINT uq_airline_name UNIQUE (airline_name);
75
76
```

Data Output Messages Notifications

ERROR: отношение "uq_airline_name" уже существует

ОШИБКА: отношение "uq_airline_name" уже существует

SQL state: 42P07

Total rows: Query complete 00:00:00.036 CRLF Ln 72, Col 1

10°C Clear Поиск 22:31 14.10.2023

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
85 UPDATE passengers
86 SET date_of_birth = CASE
87     WHEN gender ILIKE 'male' AND date_of_birth > (CURRENT_DATE - INTERVAL '18 years')
88     THEN (CURRENT_DATE - INTERVAL '18 years')::date
89     WHEN gender ILIKE 'female' AND date_of_birth > (CURRENT_DATE - INTERVAL '19 years')
90     THEN (CURRENT_DATE - INTERVAL '19 years')::date
91     ELSE date_of_birth
92 END
93 WHERE (gender ILIKE 'male' AND date_of_birth > (CURRENT_DATE - INTERVAL '18 years'))
94 OR (gender ILIKE 'female' AND date_of_birth > (CURRENT_DATE - INTERVAL '19 years'));
95
96
97
98
99
100 ALTER TABLE passengers VALIDATE CONSTRAINT chk_passengers_age_by_gender;
101
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 27 msec.

Total rows: Query complete 00:00:00.027 CRLF Ln 99

10°C Clear Поиск 22:31 14.10.2023

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query Query History

```
127 AND date_of_birth > (CURRENT_DATE - INTERVAL '19 years'));
128
129 ALTER TABLE passengers
130 ADD CONSTRAINT chk_passengers_age_by_country
131 CHECK (
132 (country_of_citizenship ILIKE 'Kazakhstan' AND date_of_birth <= (CURRENT_DATE - INTERVAL '18 years')) OR
133 (country_of_citizenship ILIKE 'France' AND date_of_birth <= (CURRENT_DATE - INTERVAL '17 years')) OR
134 (country_of_citizenship IS NOT NULL
135 AND country_of_citizenship NOT ILIKE 'Kazakhstan'
136 AND country_of_citizenship NOT ILIKE 'France'
137 AND date_of_birth <= (CURRENT_DATE - INTERVAL '19 years')) OR
138 (country_of_citizenship IS NULL))
139 )
140 NOT VALID;
141
142 ALTER TABLE passengers VALIDATE CONSTRAINT chk_passengers_age_by_country;
143
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 31 msec.

Total rows: Query complete 00:00:00.031 CRLF Ln 138, Col 5

pgAdmin 4

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

uni/postgres@PostgreSQL 17

Query File History

```
160 ALTER TABLE booking
161 ADD CONSTRAINT chk_booking_discount_rule
162 CHECK (
163 (
164 created_at > DATE '2024-01-01'
165 AND ticket_discount = ROUND(0.05 * ticket_price, 2)
166 ) OR (
167 created_at < DATE '2024-01-01'
168 AND ticket_discount = ROUND(0.10 * ticket_price, 2)
169 ) OR (
170 created_at = DATE '2024-01-01' AND ticket_discount = 0
171 )
172 )
173 NOT VALID;
174
175 ALTER TABLE booking VALIDATE CONSTRAINT chk_booking_discount_rule;
176
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 86 msec.

Total rows: Query complete 00:00:00.086 CRLF Ln 175, Col 67

✓ Query returned successfully in 86 msec. ✕