

DB DB_lab2 ▾

Version control ▾

DB Explorer

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DDL

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> 🐘 postgres@localhost 2

console ×

▶ ⌚ Ⓟ ⚙ 🖨 Tx: Auto ▾ ▢ Playground ▾ zhanel.public ▾

1 ✓ ALTER TABLE passengers

2 ADD CONSTRAINT check_passenger_age

3 CHECK (date_part('year', age(date_of_birth)) >= 10);

Services

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▾ 📁 Database

▾ 🐘 postgres@localhost

🐘 console 16 ms

[2025-10-15 11:49:19] zhanel.public> ALTER TABLE passengers
ADD CONSTRAINT check_passenger_age
CHECK (date_part('year', age(date_of_birth)) >= 10)

[2025-10-15 11:49:19] completed in 7 ms

Database Consoles > postgres@localhost > 🐘 console

3:53 LF UTF-8 4 spaces 🔗 🔔 Trial

DB DB_lab2 ▾Version control ▾

Database Explorer

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> 🐉 postgres@localhost 2

console ×

▶⌚Ⓟ⚙️📱Tx: Auto ▾▣Playground ▾

1 ✓ALTER TABLE booking

2ADD CONSTRAINT check_booking_price

3CHECK (price >= 0 AND price <= 50000);

✓

zhanel.public ▾

Services

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▣▾📁 Database

▾🐉 postgres@localhost

🐉 console 10 ms

[2025-10-15 11:54:57] zhanel.public> ALTER TABLE booking

ADD CONSTRAINT check_booking_price

CHECK (price >= 0 AND price <= 50000)

[2025-10-15 11:54:57] completed in 3 ms

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Database Consoles > postgres@localhost > 🐉 console

3:39LFUTF-84 spaces🔗🔔Trial

DB DB_lab2 ▾

Version control ▾

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> 🐘 postgres@localhost 2

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Tx: Auto ▾

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Playground ▾

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ALTER TABLE baggage

ADD CONSTRAINT check_baggage_weight

CHECK (weight_in_kg BETWEEN 1 AND 23) NOT VALID;

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Services

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📁 Database

🐘 postgres@localhost

🐘 console 12 ms

[2025-10-15 12:03:13] zhanel.public> ALTER TABLE baggage

ADD CONSTRAINT check_baggage_weight

CHECK (weight_in_kg BETWEEN 1 AND 23) NOT VALID

[2025-10-15 12:03:13] completed in 2 ms

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Database Consoles > postgres@localhost > 🐘 console

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DB DB_lab2 ▾

Version control ▾

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Database Explorer

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> 🐘 postgres@localhost 2

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zhanel.public ▾

1 ✓ ALTER TABLE airport

2 ADD CONSTRAINT check_airport_name_length

3 CHECK (length(airport_name) >= 10);

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Services

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Database

postgres@localhost

console 15 ms

[2025-10-15 12:04:46] zhanel.public> ALTER TABLE airport

ADD CONSTRAINT check_airport_name_length

CHECK (length(airport_name) >= 10)

[2025-10-15 12:04:46] completed in 3 ms

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Database Consoles > postgres@localhost > 🐘 console

5:1LFUTF-84 spaces🔗🔔Trial

DB DB_lab2 ▾

Version control ▾

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Database Explorer

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> 🐘 postgres@localhost 2

console ×

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zhanel.public ▾

16

17

18 ✓ ALTER TABLE baggage

19 ADD CONSTRAINT uq_baggage_id UNIQUE (baggage_id);

20

21

22 ✓ ALTER TABLE baggage_check

23 ADD CONSTRAINT uq_baggage_check UNIQUE (baggage_check_id);

24

25

26 ✓ ALTER TABLE security_check

27 ADD CONSTRAINT uq_security_check UNIQUE (passenger_id, security_check_id);

28

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30 ✓ ALTER TABLE boarding_pass

31 ADD CONSTRAINT uq_boarding_pass UNIQUE (boarding_pass_id, booking_id);

✓

Services

Tx + 👁️ 📄 ⏴ ⏵ ✕

🟡 ▾ 📁 Database

▾ 🐘 postgres@localhost

🐘 console 7 ms

[2025-10-15 12:16:43] zhanel.public> ALTER TABLE baggage

ADD CONSTRAINT uq_baggage_id UNIQUE (baggage_id)

[2025-10-15 12:16:43] completed in 3 ms

[2025-10-15 12:16:43] zhanel.public> ALTER TABLE baggage_check

ADD CONSTRAINT uq_baggage_check UNIQUE (baggage_check_id)

[2025-10-15 12:16:43] completed in 3 ms

[2025-10-15 12:16:43] zhanel.public> ALTER TABLE security_check

ADD CONSTRAINT uq_security_check UNIQUE (passenger_id, security_check_id)

[2025-10-15 12:16:43] completed in 2 ms

[2025-10-15 12:16:43] zhanel.public> ALTER TABLE boarding_pass

ADD CONSTRAINT uq_boarding_pass UNIQUE (boarding_pass_id, booking_id)

[2025-10-15 12:16:43] completed in 2 ms

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Database Consoles > postgres@localhost > 🐘 console

31:71 LF UTF-8 4 spaces 🔗 🔔 Trial

DB DB_lab2 Version control

Database Explorer

postgres@localhost 2

console

ALTER TABLE passengers
ADD CONSTRAINT check_country_age
CHECK (
 (country_of_citizenship = 'Kazakhstan' AND date_part('year', age(date_of_birth)) >= 18) OR
 (country_of_citizenship = 'France' AND date_part('year', age(date_of_birth)) >= 17) OR
 (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_part('year', age(date_of_birth)) >= 19)
) NOT VALID

Services

Tx

Database

postgres@localhost

console 17 ms

-10-15 12:20:47] zhanel.public> ALTER TABLE passengers
ADD CONSTRAINT check_country_age
CHECK (
 (country_of_citizenship = 'Kazakhstan' AND date_part('year', age(date_of_birth)) >= 18) OR
 (country_of_citizenship = 'France' AND date_part('year', age(date_of_birth)) >= 17) OR
 (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND date_part('year', age(date_of_birth)) >= 19
) NOT VALID
-10-15 12:20:47] completed in 2 ms

Database Consoles > postgres@localhost > console 7:12 LF UTF-8 4 spaces Trial

DB DB_lab2 ▾ Version control ▾

Database Explorer

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> postgres@localhost 2

console ×

Tx: Auto ▾ Playground ▾ zhanel.public ▾

1 ✓ ALTER TABLE booking

2 ADD COLUMN ticket_discount NUMERIC;

3

4 ✓ ALTER TABLE booking

5 ADD CONSTRAINT check_ticket_discount

6 CHECK (

7 (created_at >= '2024-01-01' AND ticket_discount = price * 0.05) OR

8 (created_at < '2024-01-01' AND ticket_discount = price * 0.10)

9);

Services

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Database

postgres@localhost

console 9 ms

;-10-15 12:22:49] zhanel.public> ALTER TABLE booking

ADD CONSTRAINT check_ticket_discount

CHECK (

(created_at >= '2024-01-01' AND ticket_discount = price * 0.05) OR

(created_at < '2024-01-01' AND ticket_discount = price * 0.10)

)

;-10-15 12:22:49] completed in 2 ms

Database Consoles > postgres@localhost > console 9:3 LF UTF-8 4 spaces Trial