

DB DB\_lab2 ▾

Version control ▾

Database Explorer

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DDL

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▾ 🐘 postgres@localhost 2

> 📄 postgres 3

> 📄 zhanel 3

> 📁 Server Objects

console ×

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Tx: Auto ▾

■

Playground ▾

zhanel.public ▾

1 --1

2 ✓ BEGIN;

3 ✓ DELETE FROM booking

4 WHERE booking\_id = 11;

5 ✓ COMMIT;

6

Services

Tx

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■ ▾ 📁 Database

▾ 🐘 postgres@localhost

🐘 console 48 ms

[2025-11-24 15:40:04] completed in 3 ms

[2025-11-24 15:40:04] zhanel> DELETE FROM booking

WHERE booking\_id = 11

[2025-11-24 15:40:04] 1 row affected in 14 ms

[2025-11-24 15:40:05] zhanel> COMMIT

[2025-11-24 15:40:05] completed in 2 ms

Database Consoles > postgres@localhost > 🐘 console

6:1

LF

UTF-8

4 spaces

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Version control ▾

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▼ postgres@localhost 2

> postgres 3

> zhanel 3

> Server Objects

console × passengers

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Tx: Auto ▾

Playground ▾

zhanel.public ▾

1

--4

2

✓

BEGIN;

3

4

✓

UPDATE passengers

5

SET date\_of\_birth = '2006-01-01',

6

first\_name = 'Aruzhan',

7

last\_name = 'Akimova',

8

full\_name = 'Aruzhan Akimova',

9

passport\_number = 'N1234567',

10

update\_at = CURRENT\_DATE

11

WHERE passenger\_id = 7;

12

13

✓

COMMIT;

Services

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Database

▼ postgres@localhost

console 10 ms

passengers 352 ms

Output

Result 6

zhanel.public.passengers

--4

[2025-11-25 09:52:19] zhanel.public> UPDATE passengers

SET date\_of\_birth = '2006-01-01',

first\_name = 'Aruzhan',

last\_name = 'Akimova',

full\_name = 'Aruzhan Akimova',

passport\_number = 'N1234567',

update\_at = CURRENT\_DATE

WHERE passenger\_id = 7

[2025-11-25 09:52:19] 1 row affected in 5 ms

[2025-11-25 09:52:19] zhanel.public> COMMIT

[2025-11-25 09:52:19] completed in 1 ms

Database > postgres@localhost > zhanel

13:8 LF UTF-8 4 spaces 🔒🔔



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▼ postgres@localhost 2

> postgres 3

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> Server Objects

console × passengers

▶⌚Ⓟ⚙️📄Tx: Auto ▾Playground ▾

zhanel.public ▾

5SET date\_of\_birth = '2006-01-01',

6first\_name = 'Aruzhan',

7last\_name = 'Akimova',

8full\_name = 'Aruzhan Akimova',

9passport\_number = 'N1234567',

10update\_at = CURRENT\_DATE

11WHERE passenger\_id = 7;

12

13COMMIT;

14

15

16✓BEGIN;

17

18✓UPDATE booking

19SET update\_at = CURRENT\_DATE

20WHERE passenger\_id = 7;

21

22✓UPDATE baggage\_ch

23SET update\_at = CURRENT\_DATE

24WHERE passenger\_id = 7;

25

26✓COMMIT;

✓4 ^ ▾

Services

Tx

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Database

▼ postgres@localhost

console 8 ms

passengers 352 ms

Output

Result 6

zhanel.public.passengers

--4

[2025-11-25 09:52:57] zhanel.public> UPDATE booking

SET update\_at = CURRENT\_DATE

WHERE passenger\_id = 7

[2025-11-25 09:52:57] 2 rows affected in 5 ms

[2025-11-25 09:52:57] zhanel.public> UPDATE baggage\_ch

SET update\_at = CURRENT\_DATE

WHERE passenger\_id = 7

[2025-11-25 09:52:57] 3 rows affected in 3 ms

[2025-11-25 09:52:57] zhanel.public> COMMIT

[2025-11-25 09:52:57] completed in 2 ms

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Database Consoles > postgres@localhost > console26:8LFUTF-84 spaces🔒🔔



DB DB\_lab2 ▾Version control ▾

Database Explorer

postgres@localhost 2

postgres 3

zhanel 3

Server Objects

console ×passengers

▶🕒Ⓟ⚙️📄Tx: Auto ▾Playground ▾

zhanel.public ▾

1--5

2✓BEGIN;

3

4✓INSERT INTO passengers (

5first\_name,

6last\_name,

7full\_name,

8gender,

9date\_of\_birth,

10country\_of\_citizenship,

11country\_of\_residence,

12passport\_number,

13created\_at

14)

15VALUES (

16first\_name 'Dana',

17last\_name 'Kaliyeva',

18full\_name 'Dana Kaliyeva',

19gender 'Female',

20date\_of\_birth '2006-05-11', -- возраст = 19

21country\_of\_citizenship 'Germany', -- HE France!

22country\_of\_residence 'Germany',

23passport\_number 'N9999999'

2✓2 ^ ▾

Services

Tx +👁️📄⏮️⏭️

Database

postgres@localhost

console 11 ms

passengers 352 ms

Outputnow():timestampResult 35-2

'Germany', -- HE France!

'Germany',

'N9999999',

CURRENT\_DATE

)

RETURNING passenger\_id

[2025-11-25 10:14:53] 1 row retrieved starting from 1 in 344 ms (execution: 5 ms, fetching: 339 ms)

[2025-11-25 10:14:53] zhanel.public> COMMIT

[2025-11-25 10:14:53] completed in 2 ms

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Database Consoles > postgres@localhost > console33:10LFUTF-84 spaces🔒🔔



DB DB\_lab2 ▾

Version control ▾

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Database Explorer

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▼ postgres@localhost 2

> postgres 3

> zhanel 3

> Server Objects

console × passengers

▶⌚Ⓟ⚙️📄Tx: Auto ▾▢Playground ▾

zhanel.public ▾

1

--6

2

✓

BEGIN;

3

4

✓

UPDATE booking

5

SET price = price + 3000

6

WHERE flight\_id = 10;

7

8

✓

COMMIT;

9

10

Services

Tx

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▢ Database

▼ postgres@localhost

console 8 ms

passengers 352 ms

📄 Output

📄 now():timestamp

📄 Result 35-2

[2025-11-25 10:22:36] zhanel.public> BEGIN

[2025-11-25 10:22:36] completed in 2 ms

[2025-11-25 10:22:36] zhanel.public> UPDATE booking

SET price = price + 3000

WHERE flight\_id = 10

[2025-11-25 10:22:36] completed in 3 ms

[2025-11-25 10:22:36] zhanel.public> COMMIT

[2025-11-25 10:22:36] completed in 0 ms

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Database Consoles > postgres@localhost > console

10:1LFUTF-84 spaces🔗🔔



DB DB\_lab2 ▾

Version control ▾

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▼ postgres@localhost 2

> postgres 3

> zanel 3

> Server Objects

console × baggage passengers

▶⌚Ⓟ⚙️📄Tx: Auto ▾▢Playground ▾

zanel.public ▾

1

--7

2

✓

BEGIN;

3

4

✓

UPDATE baggage

5

SET weight\_in\_kg = 23,

6

update\_date = CURRENT\_DATE

7

WHERE baggage\_id = 5;

8

9

✓

COMMIT;

10

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11

Services

Tx

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▢Database

▼ postgres@localhost

console 9 ms

baggage 416 ms

passengers 352 ms

OutputResult 35-2

[2025-11-25 10:32:51] zanel.public> UPDATE baggage

SET weight\_in\_kg = 23,

update\_date = CURRENT\_DATE

WHERE baggage\_id = 5

[2025-11-25 10:32:51] 1 row affected in 4 ms

[2025-11-25 10:32:51] zanel.public> COMMIT

[2025-11-25 10:32:51] completed in 1 ms

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Database > postgres@localhost > zanel

11:1LFUTF-84 spaces🔒🔔



DB DB\_lab2 ▾

Version control ▾

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▼ postgres@localhost 2

> postgres 3

> zhanel 3

> Server Objects

console × baggage passengers

▶⌚Ⓟ⚙️📄Tx: Auto ▾■Playground ▾

zhanel.public ▾

1--8

2✓BEGIN;

3

4✓UPDATE booking

5SET price = price \* 0.85

6WHERE booking\_id = 12

7AND passenger\_id = 7;

8

9

10✓COMMIT;

11

12|

13

14

15

16

17

18

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23

✓

Services

Tx+👁️📄⏮️⏭️

■▼Database

▼postgres@localhost

console 10 ms

baggage 416 ms

passengers 352 ms

📄Output📄Result 35-2

[2025-11-25 10:39:32] zhanel.public> BEGIN

[2025-11-25 10:39:32] completed in 2 ms

[2025-11-25 10:39:32] zhanel.public> UPDATE booking

SET price = price \* 0.85

WHERE booking\_id = 12

AND passenger\_id = 7

[2025-11-25 10:39:32] completed in 3 ms

[2025-11-25 10:39:32] zhanel.public> COMMIT

[2025-11-25 10:39:32] completed in 1 ms

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Database Consoles > postgres@localhost > console

12:1LFUTF-84 spaces🔒🔔



DB DB\_lab2 ▾

Version control ▾

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Database Explorer

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▼ postgres@localhost 2

> postgres 3

> zhanel 3

> Server Objects

console × booking baggage passengers

▶⌚Ⓟ⚙️📄Tx: Auto ▾▢Playground ▾

zhanel.public ▾

1--9

2✓BEGIN;

3

4✓UPDATE booking

5SET flight\_id = 500

6WHERE flight\_id = 10;

7

8✓COMMIT;|

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Services

Tx+👁️📄↕✕

▢Database

▼ postgres@localhost

console 10 ms

baggage 416 ms

passengers 352 ms

booking 437 ms

📄Output📊Result 35-2

[2025-11-25 10:48:07] zhanel.public> BEGIN

[2025-11-25 10:48:07] completed in 2 ms

[2025-11-25 10:48:07] zhanel.public> UPDATE booking

SET flight\_id = 500

WHERE flight\_id = 10

[2025-11-25 10:48:07] completed in 7 ms

[2025-11-25 10:48:07] zhanel.public> COMMIT

[2025-11-25 10:48:07] completed in 1 ms

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Database Consoles > postgres@localhost > console

8:8LFUTF-84 spaces🔒🔔