

# ALTER DATABASE my\_database OWNER TO my\_database\_user;

used for

The statement:

```
ALTER DATABASE my_database OWNER TO my_database_user;
```

is used to change the ownership of an existing database named `my_database` so that the user `my_database_user` becomes its new owner.

## Purpose and Usage

- **Change Database Ownership:**

This command transfers all database-level privileges and administrative control from the current owner to the specified user. The new owner gains full rights to manage the database, including modifying its schema, managing security, and performing administrative tasks<sup>[1] [2] [3]</sup>.

- **Syntax:**

```
ALTER DATABASE database_name OWNER TO new_user;
```

Replace `database_name` with your database's name and `new_user` with the username you want to assign as the new owner<sup>[1] [3]</sup>.

- **Typical Use Cases:**

- When a database needs to be managed by a different DBA or application user.
- After restoring a database, to align ownership with the intended production user.
- For security and access control, ensuring only authorized users have full administrative privileges<sup>[4] [2]</sup>.

## Permissions Required

- The user executing this statement must:
  - Be the current owner of the database or a superuser.
  - Be able to SET ROLE to the new owner.
  - Have the CREATEDB privilege (superusers have all these privileges by default)<sup>[1]</sup>.

## Example

```
ALTER DATABASE my_database OWNER TO my_database_user;
```

This makes `my_database_user` the new owner of `my_database`, granting them full administrative rights over it <sup>[1]</sup> <sup>[2]</sup> <sup>[3]</sup>.

## Summary Table

Statement	Effect
ALTER DATABASE my_database OWNER TO my_database_user;	Changes the owner of my_database to my_database_user

This is a standard administrative operation in PostgreSQL and other relational databases to manage database ownership and access control<sup>[1]</sup> <sup>[2]</sup> <sup>[3]</sup>.



1. <https://www.enterprisedb.com/postgres-tutorials/how-alter-rename-drop-and-copy-databases-postgresql>
2. <https://www.youtube.com/watch?v=B6XGRWQvE0c>
3. <https://neon.tech/postgresql/postgresql-administration/postgresql-alter-database>
4. <https://www.sqlservercentral.com/articles/how-to-change-the-sql-server-database-owner>