

# Transactions

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A database transaction is a single unit of work that consists of one or more operations. A classical example of a transaction is a bank transfer from one account to another. A complete transaction must ensure a balance between the sender and receiver accounts. It means that if the sender account transfers X amount, the receiver receives X amount, no more or no less.

A PostgreSQL transaction is atomic, consistent, isolated, and durable. These properties are often referred to as **ACID**.

```
BEGIN; -- BEGIN TRANSACTION; -- BEGIN WORK;  
  
-- query  
  
ROLLBACK;  
  
COMMIT; -- COMMIT TRANSACTION; -- COMMIT WORK;
```

## Interview Questions