Introduction to **PostgreSQL**

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Overview

- **Described** as an **ORDBMS** (**Object-Relational Database Management System**)
- **Invented** by **Michael Stonebraker** at the **University of California**, **Berkeley** in **1985**
- **Maintained** by the **PostgreSQL Global Development Group** since **1994**
- **Distributed** under the **PostgreSQL License** since **1994**
- **Used** by **Reddit**, **Netflix**, **Spotify**, **Instagram**, **DuckDuckGo**, and **InVisionApp** among others
- **Initially**, named **POSTGRES** (**1.x** to **4.x**), then **Postgres95** (**1.x**), then **PostgreSQL** (**6.x** to **11.x**)
  - **Renamed** to **Postgres95** after the **migration** from **QUEL** to **SQL**
  - **Renamed** to **PostgreSQL** to **reflect** the **support** for **SQL**
- **Implements ACID** (**Atomicity**, **Consistency**, **Isolation**, and **Durability**)
- **Manages concurrency** through **MVCC** (**Multiversion Concurrency Control**)
- **Supports transactions**, **schemas**, **tables**, **data types**, **constraints**, **triggers**, **views**, **updatable views**, **materialized views**, **table inheritance**, **functions**, **stored procedures**, **extensions**, **WAL** (**Write Ahead Logs**), and **PITR** (**Point In Time Recovery**)
- **Runs** on **x86**, **x86-64**, **IA-64**, **PowerPC**, **PowerPC 64**, **Sparc**, **Sparc 64**, **ARM**, and **MIPS** among others
- **Works** on **Linux**, **Windows**, **FreeBSD**, **OpenBSD**, **NetBSD**, **macOS**, **AIX**, **HP-UX**, and **Solaris**