

# SQL

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- **SQL** stands for **Structured Query Language** and is a standard language for storing, manipulating and retrieving data in relational database systems
- **SQL is pronounced "Ess-cue-ell" and not "sequel"**
- There are more Relational Database Management System or RDBMS such as MS Sql Server, MySql, Oracle, Postgresql and Sqlite

# SQLite

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- **SQLite is the the most use database engine in the world.** It is likely used more than all other database engines combined.

## **SQLite is found in:**

- Every Android device
  - Every iPhone and iOS device
  - Every Mac
  - Every Windows 10 machine
  - Every Firefox, Chrome, and Safari web browser
  - Every instance of Skype, or iTunes
  - Most television sets and set-top cable boxes
  - Most automotive multimedia systems
  - Countless millions of other applications and Internet of Things devices
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- SQLite is probably one of the top five most deployed software modules in the world. Other libraries with similar reach include zlib, libpng and libjpeg.

# Sqlite Advantages

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- SQLite is a **self-contained** and **embedded** SQL database engine
- SQLite Is A **Zero-Configuration Database**
- **High Performance** in Low-Memory environments
- Sqlite is very **carefully tested**
- All source files can be concatenated into a single large files of C-code. It's easy be compiled and deployed
- **Sqlite simply works!**