SQLite and SQLite Studio

Introduction to SQLite

❖ SQLite is an in-process library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine.

❖ The code for SQLite is in the public domain and is thus free for use for any purpose, commercial or private.

❖ SQLite is the most widely deployed database in the world including several high-profile projects (outlined next).

❖ SQLite is installed automatically when you install Python.

❖ More information on SQLite can be found by visiting: www.sqlite.org

SQLite and SQLite Studio

High profile projects

❖ Adobe   Used by Photoshop Lightroom, AIR, and Acrobat Reader.

❖ Airbus   Flight software for all Airbus A350 XWB aircraft rely on SQLite.

❖ Apple   Used by native apps running Mac OS-X, iOS devices, and iTunes.

❖ Dropbox   Used as the primary data store on the client-side and iOS applications.

❖ Facebook   Used as the primary database engine for its osquery product.

❖ Firefox   The primary meta-data storage format for web browser.

❖ Google   Used in the Android OS and Chrome browser.

❖ Intuit   Used in QuickBooks and TurboTax products.

❖ McAfee   Used in its antivirus programs.

❖ Microsoft   A core component of Windows 10 operating system and other products.

❖ PHP   All current PHP installations come with SQLite.

SQLite and SQLite Studio

Introduction to SQLite Studio

SQLite Studio is a SQLite database manager with the following features:

- It's portable, no need to install or uninstall. Just download, unpack and run

- Intuitive interface

- Powerful, yet light and fast

- All SQLite3 and SQLite2 features wrapped within a simple GUI

- It's cross-platform. It'll run on Windows, Linux, Mac OSX, and Unix

- Can export to various formats (SQL statements, CSV, HTML, XML, PDF, JSON)

- Can import data from various formats (CSV, custom text files via regular expressions)

- Open source

- Can be downloaded for free at https://sqlitestudio.pl