FREE eBook

LEARNING sqlite

Free unaffiliated eBook created from **Stack Overflow contributors.**



Table of Contents

About
Chapter 1: Getting started with sqlite
Versions
Examples
Installation2
Documentation
Chapter 2: Command line dot-commands
Introduction
Examples
Exporting and importing a table as an SQL script3
Chapter 3: Data types
Remarks
Examples
TYPEOF function4
Using booleans4
Enforcing column types4
Date/time types
ISO8601 strings
Julian day numbers
Unix timestamps
unsupported formats
Chapter 4: PRAGMA Statements
Remarks
Examples
PRAGMAs with permanent effects7
Chapter 5: sqlite3_stmt: Prepared Statement (C API)
Remarks
Examples
Executing a Statement
Reading Data from a Cursor

Exe	ecuting a prepared statement multiple times	.9
Credits	51	1



You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: sqlite

It is an unofficial and free sqlite ebook created for educational purposes. All the content is extracted from Stack Overflow Documentation, which is written by many hardworking individuals at Stack Overflow. It is neither affiliated with Stack Overflow nor official sqlite.

The content is released under Creative Commons BY-SA, and the list of contributors to each chapter are provided in the credits section at the end of this book. Images may be copyright of their respective owners unless otherwise specified. All trademarks and registered trademarks are the property of their respective company owners.

Use the content presented in this book at your own risk; it is not guaranteed to be correct nor accurate, please send your feedback and corrections to info@zzzprojects.com

Chapter 1: Getting started with sqlite

Versions

Version	Major Changes	Release Date
3.0		2004-06-18
3.7.11	SELECT max(x), y	2012-03-20
3.8.3	CTEs	2014-02-11

Examples

Installation

SQLite is a C library that is typically compiled directly into the application by downloading the source code of the latest version, and adding the sqlite3.c file to the project.

Many script languages (e.g., Perl, Python, Ruby, etc.) and frameworks (e.g., Android) have support for SQLite; this is done with a built-in copy of the SQLite library, which does not need to be installed separately.

For testing SQL, it might be useful to use the command-line shell (sqlite3 or sqlite3.exe). It is already shipped with most Linux distributions; on Windows, download the precompiled binaries in the sqlite-tools package, and extract them somewhere.

Documentation

SQLite already has extensive documentation, which should not be duplicated here.

Read Getting started with sqlite online: https://riptutorial.com/sqlite/topic/1753/getting-started-with-sqlite

Click here to download full PDF material