Devart SQLite Data Access Components (LiteDAC) v5.0.2 (09 Dec 2021) for Delphi 6-11 Alexandria Full Source

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SQLite Data Access Components (LiteDAC) is a library of components that offers native connectivity to SQLite in Delphi and C++Builder such as Community Edition and Lazarus (and Free Pascal) on Windows, Linux, macOS, iOS, along with Android for both 32-bit and 64-bit platforms. LiteDAC was created for developers to create really cross-platform desktop and portable SQLite database software without setting up any extra libraries.

LiteDAC supplies two ways of the link to SQLite from Delphi and other IDEs. One of these is the common link by way of the native SQLite customer library. The next is an exceptional probability of direct access using static linking of their customer library within an application.

Devart SQLite Data Access Components (LiteDAC) Amazing Attributes:

- Native Frog to SQLite - LiteDAC-based DB software is simple to deploy. It doesn't need to install different data supplier layers (for example, BDE or ODBC). That is why they can work quicker than those according to standard Delphi data connectivity options. Additionally, LiteDAC gives an extra chance to use SQLite from Delphi and C++Builder right by connecting the customer library statically on your own application.
- SQLite Encryption - To safeguard your information from unauthorized access, LiteDAC gives a powerful and customizable SQLite Database Encryption engine. You don't need to shell out money to purchase expensive SQLite customer libraries with security support - with Linking, encryption service will be automatically added to your program. The subsequent algorithms will have the ability to guard your data: AES, Blowfish, TripleDES, Cast128, RC4. LiteDAC allows utilizing any third-party SQLite library using SQLite Encryption service too.
- Cross-Platform Development at Delphi, C++Builder, and Lazarus - LiteDAC Offers a chance of cross-platform development utilizing a Variety of IDEs: RAD Studio, Delphi, C++Builder, Lazarus (and FPC) on Windows, Mac OS X, iOS, Android, Linux, and FreeBSD for both x86 and x64 platforms. LiteDAC also supplies support for your FireMonkey platform, which lets you develop visually magnificent high-performance desktop computers and portable native software.
- Broad Coverage of SQLite Characteristics - By providing access to this most innovative database operation, LiteDAC enables developers to exploit the full capabilities of their SQLite and optimize their database software. LiteDAC supports these SQLite attributes as working with user-defined purposes, database security, and much more.
- Static Linking - Assessing the SQLite library statically on your program guarantee, your program uses precisely the same version of SQLite; together with that, it had been tested and developed. Additionally, it makes installation easier.
- Mobile Development - Development to get iOS and Android cellular devices using LiteDAC gets simpler. LiteDAC enables your cellular applications to operate with SQLite databases as only as desktop programs do.
- 64-bit Improvement - LiteDAC does not restrict your selection of the development stage. You can now create for 32-bit and 64-bit platforms together with Delphi and Lazarus (and FPC).
- Data Type Mapping - should you like to produce a custom correspondence between SQLite and Delphi data types, you may use an easy and elastic Data Type lookup engine given by LiteDAC.
- Development Platforms - Now, you may develop VCL-based programs in Delphi and LCL-based ones in Lazarus and utilize the most recent FireMonkey software development platform.
- Performance - All of the libraries and components are intended to help you write high-performance, lightweight data access layers, so they utilize innovative data access algorithms and optimization methods.
- Tracking - Utilize the dbMonitor instrument to track and examine all of the DB calls made from the program with SQLite data access components. dbMonitor performs per-component tracing of SQL statement execution, commits, rollbacks, etc...

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