

SQLite3 FreeBasic Stub



<http://www.keywild.com/SQLite>

Public Domain Software

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"Engineering is the art of planning and forethought."



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"No good deed goes unpunished." — Oscar Wilde

SQLite3 for Free Basic:

Shared Variables:

SQLiteFileLimit	This is a byte that determines the number of SQLite3 Files that can be opened. The default is five (5). If you want to access more file then change this number PRIOR to any calls to SQL3_DBopen.
SqlFile()	This is an array of structure used to hold data about each SQLite3 DB connection
SQL3TableCount	Used to hold the count of tables for a specified DB file (1 to n)
SQL3TableNames()	Used to hold the table names for a specified DB file
SQL3ColumnCount	Used to hold the count of columns for a specified DB table (1 to n)
SQL3ColumnNameNames()	Used to hold the column names for a specified DB table
SQL3ColumnTypeNames()	Used to hold the column types for a specified DB table
SQL3ColumnNull()	Used to hold the null settings for a specified DB table. Zero indicates nulls are allowed
SQL3ColumnPKey()	Zero if column is NOT part of Primary key. Index in key if column is part of primary key
SQL3ColumnDefault()	Used to hold the column default value

Public Functions and Procedures:

SQL3_DBopen	Syntax: SQL3_DBopen (DBName) DBName= name of SQL data base (<i>may include path</i>) Returns an Integer that is used as the SQL3 file number. On error returns negative number
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	Opens a connection to a SQLite3 Database
SQL3_DBclose	Syntax: SQL3_DBclose (FileNumber) FileNumber = file number that was returned by SQL3_DBopen On error returns negative number Closes previous opened SQLite3 Database
SQL3_ErrMsg	Syntax: SQL3_ErrMsg (FileNumber) FileNumber = file number that was returned by SQL3_DBopen Returns string of last SQLite extended error message Undefined if there was no error
SQL3_ErrCode	Syntax: SQL3_ErrCode (FileNumber) FileNumber = file number that was returned by SQL3_DBopen Returns integer of last SQLite extended error code
GetTableNamesUsr	Syntax: GetTableNamesUsr (FileNumber) FileNumber = file number that was returned by SQL3_DBopen Fills the string array SQL3TableNames() with the names of the USER tables for a previously opened SQLite3 Database. Set SQL3TableCount to the number of tables. First table is "one" (<i>i.e. not zero based</i>). This array is destroyed/replaced on the next call to the procedure.
GetTableNamesAll	Syntax: GetTableNamesAll (FileNumber) FileNumber = file number that was returned by SQL3_DBopen Fills the string array SQL3TableNames() with the names of the all tables and views for a previously opened SQLite3 Database. This includes system tables. First table is "one" (<i>i.e. not zero based</i>). This array is destroyed/replaced on the next call to the procedure.
GetColumnData	Syntax: GetColumnData (FileNumber, TableName) FileNumber = file number that was returned by SQL3_DBopen TableName = name of table or view Fills the string arrays SQL3ColumnNames(), SQL3ColumnTypes(), SQL3ColumnNull(), SQL3ColumnPKey(), SQL3ColumnDefault() with information about the Table's columns. Sets SQL3ColumnCount to the number of columns. First column is "one" (<i>i.e. not zero based</i>). These arrays are destroyed/replaced on the next call to the procedure.

Shameless Self Promotion:

[KeyWild CAD Library](#): A collection of DWG files for use with CAD systems. Fasteners, World Map, ...

[Back Office, Six Mountains](#): A novel that I wrote