
Subject: Re: sqlite3 encryption

Posted by [coolman](#) on Sun, 23 Oct 2022 13:04:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

You can check encrypted Sqlite before Open() the DB using the function

```
bool Sqlite::IsFileEncrypted(const char *DBfilename) {
    FileIn in(DBfilename);

    if (!in) {
        return false;
    }

    String SqlVersion = "SQLite format 3";
    int SqlVersionLength = SqlVersion.GetCount();
    in.Seek(0);
    String version = in.Get(SqlVersionLength);
    in.Close();

    return (!version.IsEqual(SqlVersion));
}
```

With combination of returned code from Open() function

```
...
    int errCode = sqlite3db.GetErrorCode();
    String errMsg = Format("[ %s&&Error: %d (%s)]", t_("Loading the database has failed!"),
errCode, sqlite3db.GetErrorCodeString());
    if (SQLITE_NOTADB == errCode) {
        errMsg = t_("The database is encrypted but decryption failed!&[= Did you use the correct
password?");
    }
    ErrorOK(errMsg);
...
```

BR, Radek
