Subject: Sqlite encryption
Posted by forlano on Tue, 19 Sep 2023 15:37:21 GMT
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Hello,

I have seen many methods like IsEncrypted(), ChangePassword(), Open(..., cypher)...
so it seems that the db can be encrypted. I need not to let the user to open the db with some external tool like DB for Sqlite Browser and performs unwanted operations.
I would like to have a very short example of:

1. how to create a db in some encrypted way;
2. how to read/write data while it is being used by my U++ client (if the queries need some special flag).

From what I read so far it seems that should be enough to open the database in this way:

```
if(!sqliteVT.Open( dbname, some_password,
Upp::Sqlite3Session::CIPHER_CHAHA2020_DEFAULT )) {
...
}
```

all the rest remain the same. Can you confirm?

Many thanks in advance.
Luigi

Subject: Re: Sqlite encryption
Posted by coolman on Wed, 20 Sep 2023 15:24:48 GMT
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Hi Luigi,

Yes, it is enough to open database with password and selected cipher. If you need to change password use this function:

sqlite3db.ChangePassword(password, Upp::Sqlite3Session::CIPHER_CHAHA2020_DEFAULT)

(changing from encrypted to unencrypted is done by entering an empty password)

BR, Radek

Subject: Re: Sqlite encryption
Posted by forlano on Wed, 20 Sep 2023 16:22:31 GMT
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coolman wrote on Wed, 20 September 2023 17:24Hi Luigi,

Yes, it is enough to open database with password and selected cipher. If you need to change password use this function:

sqlite3db.ChangePassword(password, Upp::Sqlite3Session::CIPHER_CHAHA2020_DEFAULT)

(changing from encrypted to unencrypted is done by entering an empty password)

BR, Radek

Hi Radek,

thanks a lot for both answers!
Changing password with a void one did the trick! Very easy... knowing what to do

Best regards,
Luigi