Subject: sqlite3 Custom Function in SqlExp
Posted by JeyCi on Wed, 28 Jul 2021 16:37:58 GMT
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I will put a little example (see attached console project) without SqlExp.
As so as simple math functions is problematic to do (e.g. multiply 2 columns), I decided to create Custom Function for this purpose.
Done:
C.F. with #include sqlite3.h from MSYS2 32x mingw gcc 9.3 -- in addition to U++ sqlite3 plug-in; so C.F. was done in foreign lib to U++, but it works in Sql sql; sql.Execute("...") U++ query
Problem:
I would like to use this C.F. in U++ SqlExp Update query & to my viewpoint U++ Update is much quicker than sqlite3 SQL Update (~30 sec per 14000 records plus 30sec for fixing changes in db_sqlite3)-- as I noticed (U++ SqlExp Update was being done much quicker)... therefore I would like to make this C.F. able to be used as a part of SqlExp or inside SqlExp - in order to use it in quicker U++ Update-Select later on... preferably without Fetching (like here in example for update)
I've got away my attempts with Model for SqlExp from attached project, just left working query...
And the Question is:
Is it possible to use e.g. such C.F. in U++ SqlExp? How to make it to work? (because in my attempts I had no success) -- I'm not attaching these fault attempts
p.s.
for any case: Build Method Common Options -
-msse2 -D__CRT__NO_INLINE -DSQLITE_CORE
All static

File Attachments

1) test_custom_fx_sqlite.zip, downloaded 328 times

Subject: Re: sqlite3 Custom Function in SqlExp
Posted by JeyCi on Wed, 28 Jul 2021 17:58:24 GMT
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JeyCi wrote on Wed, 28 July 2021 18:37As so as simple math functions is problematic to do (e.g. multiply 2 columns), I decided to create Custom Function for this purpose.
...
 to use it in quicker U++ Update-Select later on... preferably without Fetching
  sorry to hurry with this topic - in my final project everything works as I desired - without C.F., normal multiplication, & Update OK in SqlExp
  it* Update(j)(IT, Case(t == "C", (f*k)-s) \
          (t == "P", s-(f*k)));
- with appropriate SqlIds...
- my real problem is solved
p.s.
in any case:

let the example of C.F. just be in mind...

Subject: Re: sqlite3 Custom Function in SqlExp
Posted by JeyCi on Thu, 29 Jul 2021 02:32:46 GMT
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BTW, in attached C.F. it's better to add error-checking, like here, - just for info.
