Subject: sqlapp example
Posted by toneranger33 on Mon, 26 May 2008 12:49:28 GMT
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Hi, I cannot get the example enclosed with the download of ultimateapp to run. Generates various errors.

I have converted an old dbf to sqlite and now need an app to read and edit the new database.

Actually it would need just perform searches on 4 fields and return the results. Any editing can be completed in a sqlite database browser already available. Though if we did include this function it would also need password protection for admin users only.

Total newbie so all help appreiated.

Kind regards toneranger33

Subject: Re: sqlapp example
Posted by toneranger33 on Tue, 27 May 2008 12:24:59 GMT
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Changed to trying to create a database using the addressbook xml2 app enclosed in the distribution.

Perfected the layout, just need now to open a sql database and search through it in a similar fashion to the address book.

50,000+ entries in or current databse so too much time to convert to exact xml format addressbook uses unless some-one can help.

Prefer the sqlite option as it may be that several databases could then be used.

Any ideas?

toneranger33

Subject: Re: sqlapp example
Posted by zsolt on Tue, 27 May 2008 21:25:07 GMT
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There is a lot of sql examples. Just see one of them as an example.

Subject: Re: sqlapp example

Posted by toneranger33 on Wed, 28 May 2008 11:09:21 GMT
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Hi, started to examine the HomeBudget example. This fails to now run - the error message is:

Assertion failed in upp\uppsrc\plugin\sqllite3\sqllite3upp.cpp line 194
NULL ! current_stmt

Any ideas.

Kind Regards toneranger33

Subject: Re: sqlapp example
Posted by unodgs on Wed, 28 May 2008 11:26:45 GMT
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Which version of upp do you use? I'll try to find what's going on.

Subject: Re: sqlapp example
Posted by toneranger33 on Wed, 28 May 2008 11:35:05 GMT
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Hi unodgs. I am running version 712 dev 1 on windows XP.

Kind regards toneranger33

btw: i have tried coding a simple app just to open the databse as starters.

Here is the code:

```
#include <CtrlLib/CtrlLib.h>
#include <DropGrid/DropGrid.h>
#include <GridCtrl/GridCtrl.h>
#include <plugin/sqlite3/lib/sqlite3.h>
#include <plugin/sqlite3/Sqlite3.h>

using namespace Upp;

GUI_APP_MAIN
{
 bool nodb = false;
 Sqlite3Session db;
 db.LogErrors(true);

 #ifdef flagDEBUG
 db.SetTrace();
```

```
nodb = true;
#endif

FileIn fi("reclib.db");
if(fi.IsError() || fi.GetSize() <= 0)
 nodb = true;
fi.Close();

if(!db.Open(ConfigFile("reclib.db")))
{
 Exclamation(t_("Can't create or open database file"));
 return;
}}
```

This crashes on execute. No erors reported.

Subject: Re: sqlapp example
Posted by toneranger33 on Thu, 29 May 2008 13:25:33 GMT
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Reverted back to using the address book example. So instead of openning an xml file to search, how Do I change the file format to tab delimited txt?

No need to open the file - just need to search and then display the results, its for a music libray so the column names are Name, Artist, Title, Genre, Notes.

Would be helpful also to change the modify function to include password proctection for admin.

Kind Regards Toneranger33

Subject: Re: sqlapp example
Posted by toneranger33 on Thu, 29 May 2008 13:39:46 GMT
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Found part of the answer, use the simple address book.

Now all I need to do is specify the file to search without it displaying the contents before performing a search.

Any ideas?

toneranger 33

no 1 entry per line not good enough either the format is:

Number Artist Title Genre Notes

all as a single line (tab delimited)

Subject: Re: sqlapp example
Posted by mr_ped on Fri, 30 May 2008 07:54:56 GMT
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Why dev712 version?
The (not really) stable 2007 is more fresh, 2008.1 beta2 is probably even more stable now or problems are reported in forum, and if you want to be on development edge, there are SVN builds too.

About opening file. To have them all at 1 line is a bit unfortunate, as the UPP::Stream does have "String GetLine();" function.
So for you the solution is probably to read char by char (int UPP::Stream::Get()) and react properly on tab (\t) or -1 and build the strings/arrays from this.
As long as you are 100% sure about validity of input file this piece of code can be quite short and clean, but in real world it will probably take a bit more effort.

Maybe there are some additional functions in UPP to help with parsing text files, but I'm not aware of them, sorry.
