
Subject: Re: Add Button crashes program on start
Posted by [jimlef](#) on Mon, 21 Sep 2020 00:04:21 GMT
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And here's the fully "stubbed out" working code:

```
#include "Invoices.h"
#include "customers.h"

#define SCHEMADIALECT <plugin/sqlite3/Sqlite3Schema.h>
#include "Sql/sch_source.h"

CustomersWindow::CustomersWindow() {
    String DBFile;
    String configfile = ConfigFile();
    CtrlLayout(*this, "Customers");
    btnAddCustomer << [=] { btnAddCustomerClick(); }; // THISBACK is not needed in c++11 world
    and could be replaced with lambda.
    btnSearchCustomer << [=] { btnSearchCustomerClick(); }; // THISBACK is not needed in c++11
    world and could be replaced with lambda.
    btnUpdateCustomer << [=] { btnUpdateCustomerClick(); }; // THISBACK is not needed in c++11
    world and could be replaced with lambda.
    if(FileExists(configfile))
    {
        VectorMap<String, String> cfg = LoadIniFile(configfile);
        DBFile = cfg.Get("DBFile", Null);
    }
    else {
        DBFile = SelectDB();
    }
    SQL;
    Sqlite3Session sqlite3;
    if(!sqlite3.Open(DBFile)) {
        Exclamation("Can't create or open database file\n");
        return;
    }
    SQL = sqlite3;
    SqlId Customers("Customers"), id("id"), name("name"), email("email"), contact("contact"),
    address("address"), city("city"), state("state"), zip("zip"), taxable("taxable");

    CustArray.SetTable(Customers);

    CustArray.AddKey(id);
    // CustArray.Join(BOOK_ID, book); // joins id from other db to this id
    CustArray.AddColumn(name, "Name"); // .SetConvert(DateIntConvert());
    CustArray.AddColumn(email, "Email"); // .SetConvert(DateIntConvert());
    CustArray.AddColumn(contact, "Phone");
```

```

CustArray.AddColumn(address, "Address");
CustArray.AddColumn(city, "City");
CustArray.AddColumn(state, "State");
CustArray.AddColumn(zip, "Zip");
CustArray.AddColumn(taxable, "Taxable?");
CustArray.ColumnWidths("40 40 20 50 20 15 10 5");
CustArray.SetOrderBy(id);

```

```

Sql sql(sqlite3);
sql.Execute("select * from Customers");

```

```

while(sql.Fetch())
    CustArray.Add(sql);
// CustArray.WhenBar
CustArray.WhenLeftDouble = [=] { EditRow(); };

```

```

CustArray.GoEndPostQuery();
}

```

```

void CustomersWindow::btnAddCustomerClick()
{

```

```

    PromptOK(__func__);
}

```

```

void CustomersWindow::btnUpdateCustomerClick()
{
    PromptOK(__func__);
}

```

```

void CustomersWindow::btnSearchCustomerClick()
{
    PromptOK(__func__);
}

```

```

void CustomersWindow::EditRow()
{
    PromptOK(__func__);
}

```

```

String CustomersWindow::SelectDB()
{
    selectdbwin.Type(t_("Invoices DB"), "*.jts");
    if(!selectdbwin.ExecuteOpen(t_("Select DB File")))
    {
        return "";
    }
}

```

```
/*  
from http://leonardocce.interfree.it/leowiki.html "simple configfile"  
*/  
cfg << "DBFile=" << selectdbwin.Get() << "\n";  
if(!SaveFile(ConfigFile(), cfg))  
{  
    Exclamation("Error saving configuration!");  
}  
return selectdbwin.Get();  
}
```
