Subject: sqlarray and sqlite
Posted by jimlef on Fri, 18 Sep 2020 20:49:14 GMT
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Hi everyone,

I've been looking over the example for sqlite and these forums, and basically I want to bind my table to the array... When I try to code this, I get "not defined" errors, and I am not seeing where in the example these things were defined other than the schema. I'm lost as to where to move forward here, before adding query functions etc.

My schema:

```
TABLE (tbl_customers)
 INT (id) NOT_NULL PRIMARY_KEY AUTO_INCREMENT
 STRING (name, 150) NOT_NULL
 STRING (email, 150)
 STRING (contact, 150)
 STRING (address, 150)
 STRING (city, 50)
 STRING (state, 20)
 STRING (zip, 10)
 INT (taxable) NOT_NULL
END_TABLE
```

My include file:

sqlinclude.h:

```
#ifndef _Invoices_sqlinclude_h_
#define _Invoices_sqlinclude_h_
#include <SqlCtrl/SqlCtrl.h>
#include <plugin/sqlite3/Sqlite3.h>

#define SCHEMADIALECT <plugin/sqlite3/Sqlite3Schema.h>
#define MODEL "Invoices/Tables/Invoices.sch"
#include <Sql/sch_header.h>

#endif
```

customers.h:

```
#ifndef _Invoices_customers_h_
#define _Invoices_customers_h_
#include "Invoices/sqlinclude.h"
struct CustomersWindow : WithCustomersWindowLayout<TopWindow> {
public:
 CustomersWindow();
```

```
 void Paint(Draw& w) {
       w.DrawRect(GetSize(), Color(204, 255, 255)); // <= enter your background color here
    }
};


#endif
```

In my layout I have ITEM(SqlArray, CustArray, LeftPosZ(436, 656).TopPosZ(28, 420))

And my cpp code:

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

CustomersWindow::CustomersWindow() {
 CtrlLayout(*this, "Customers");

 CustArray.SetTable(tbl_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("50 50 20 50 20 15 10 2");
 CustArray.SetOrderBy(id);
 // CustArray.WhenBar = THISBACK(BorrowMenu);
 // CustArray.WhenLeftDouble = THISBACK(EditBorrow);
 CustArray.GoEndPostQuery();
}
```

None of the ids from the schema are recognized, so I have to declare the table another way?
Thank you all for the guidance...

Jim