
Subject: Re: sqlarray and sqlite
Posted by [jimlef](#) on Tue, 22 Sep 2020 18:41:03 GMT
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Thread: 1

Thread: 2

../sysdeps/unix/sysv/linux/poll.c:29
/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
g_main_context_iteration () from /usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

Thread: 3

../sysdeps/unix/sysv/linux/poll.c:29
/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
g_main_loop_run () from /usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
/usr/lib/x86_64-linux-gnu/libgio-2.0.so.0
/usr/lib/x86_64-linux-gnu/libglib-2.0.so.0
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

Thread: 4

futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=0) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::\$_21::operator()() const (this=0x7fff4de58ec) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::\$_21>::Execute()
(this=0x7fff4de58e0) at Function.h:17
Upp::Function<void ()>::operator()() const (this=0x7fff4de5920) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7fff4de5920) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477

clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

Thread: 5

futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=1) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::\$_21::operator()() const (this=0x7fff4de59ac) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::\$_21>::Execute()
(this=0x7fff4de59a0) at Function.h:17
Upp::Function<void ()>::operator()() const (this=0x7fff4de59e0) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7fff4de59e0) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

Thread: 6

futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=2) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::\$_21::operator()() const (this=0x7fff4de5a6c) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::\$_21>::Execute()
(this=0x7fff4de5a60) at Function.h:17
Upp::Function<void ()>::operator()() const (this=0x7fff4de5aa0) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7fff4de5aa0) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

Thread: 7

futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508

```
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=3) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::$_21::operator()() const (this=0x7fff4de58ac) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::$_21>::Execute()
(this=0x7fff4de58a0) at Function.h:17
Upp::Function<void ()>::operator()() const (this=0x7fff4de5b20) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7fff4de5b20) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95
```

Thread: 8

```
futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=4) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::$_21::operator()() const (this=0x7fff4de5bac) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::$_21>::Execute()
(this=0x7fff4de5ba0) at Function.h:17
Upp::Function<void ()>::operator()() const (this=0x7fff4de5be0) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7fff4de5be0) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95
```

Thread: 9

```
futex_wait_cancelable (private=<optimized out>, expected=0, futex_word=0xe82d60
<Upp::CoWork::GetPool()::pool+114848>) at ../sysdeps/nptl/futex-internal.h:183
pthread_cond_wait.c:508
pthread_cond_wait.c:638
Upp::ConditionVariable::Wait (this=0xe82d38 <Upp::CoWork::GetPool()::pool+114808>, m=...,
timeout_ms=-1) at Mt.cpp:624
Upp::CoWork::Pool::ThreadRun (tno=5) at CoWork.cpp:155
Upp::CoWork::Pool::InitThreads(int)::$_21::operator()() const (this=0x7fff4de5c6c) at
CoWork.cpp:31
Upp::Function<void ()>::Wrapper<Upp::CoWork::Pool::InitThreads(int)::$_21>::Execute()
(this=0x7fff4de5c60) at Function.h:17
```

Upp::Function<void ()>::operator>() const (this=0x7ffff4de5ca0) at
/home/james/upp/uppsrc/Core/Function.h:76
Upp::sThreadRoutine (arg=0x7ffff4de5ca0) at Mt.cpp:91
start_thread (arg=<optimized out>) at pthread_create.c:477
clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:95

The code:

```
CustomersWindow::CustomersWindow() {
```

```
    CtrlLayout(*this, "Customers");
```

```
    btnAddCustomer << [=] { btnAddCustomerClick(); }; // THISBACK is not needed in c++11 world  
    and could be replaced with lambda.
```

```
    btnSearchCustomer << [=] { btnSearchCustomerClick(); }; // assisted by forum user Klugier  
    btnUpdateCustomer << [=] { btnUpdateCustomerClick(); };
```

```
    btnFake << [=] { FakeStub(); };
```

```
    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;  
    Sql sql;  
    CustArray.SetTable(CUSTOMERS, CUST_ID);
```

```
    // CustArray.Join(BOOK_ID, book); // joins id from other db to this id  
    CustArray.AddColumn(CUSTNAME, "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(CUST_ID);

// sql.Execute("select * from CUSTOMERS");
sql * SelectAll().From(CUSTOMERS);

// while(sql.Fetch()) CustArray.Add(sql);
CustArray.Query();

// CustArray.WhenBar
CustArray.WhenLeftDouble = [=] { EditRow(); };

// CustArray.GoEndPostQuery();

}
```
