Subject: Re: SQLite-insert/update in threads (please help!)
Posted by mirek on Tue, 06 Jul 2010 07:21:20 GMT
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Sc0rch wrote on Fri, 02 July 2010 15:24I'm getting asserts of Fetch and Execute methods,
sometimes. I don't know how to avoid them, but threads are really needed.

Some info about task:
- Console application.
- Main loop of program - RPC-server, with functions for user (each of functions use SQLite
database, through global SQL)
- Threads registers incoming hardware events and writes them into the SQLite database.

How can I make this task threadsafe?

I would say that you should serialize (using Mutex) any access to global SQL - including creation
of Sql cursors (where SQL is default parameter). I hope that would save the problem.

```
StaticMutex SQLMutex;


void MyThreadInsert() {
  Mutex::Lock __(SQLMutex);
  SQL * Insert(...)...
}

void MyGuiSelect() {
  Mutex::Lock __(SQLMutex);
  Sql sql;
  sql * Select(...
}
```

Mirek