
Subject: SQLite file locking - again help needed

Posted by [papascalientes](#) on Wed, 10 Aug 2011 08:01:45 GMT

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Could someone perhaps give me an example of how to handle file locking situations when writing to an SQLite database in an application that is running on a network? I have to use SQLite databases and everything I tried (thank you Mirek for your earlier help) didn't work the way I wanted.

The basic code I use without handling file locking looks like this example for a write operation on an already existing sqlite database Z.db3 with a table named ZTABLE:

***** begin code example *****

```
SQLite3Session z_sql3;  
if(!z_sql3.Open(z.db3))  
    throw Exc("Can't create or open database file: Z.db3");
```

```
Sql sqlz(z_sql3);  
z_sql3.Begin();
```

```
clninsertstring="INSERT INTO ZTABLE VALUES('firtst nametest, last nametest)";    // using  
testvariables
```

```
sqlz.ClearError();  
sqlz.Execute(clninsertstring);
```

```
z_sql3.Commit();  
z_sql3.Close();
```

***** end of example *****

How and where can I check, whether the database is locked (SQL_BUSY error) and if it is locked, retry to write 5 times?

And (where) do I have to use a ROLLBACK? I am not quite sure in which cases a rollback is done automatically by sqlite.
