Subject: sqlite busy/lock timeout patch
Posted by zsolt on Sat, 20 Mar 2010 21:34:31 GMT

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I had a lot of problems with sqlite in a multi threaded and multi process environment.

It is possible to set a busy handler on a db handle using sqlite3 API, but it is able to handle SQLITE_BUSY only. The problem is, that sometimes I got SQLITE_LOCKED, but in this case, I had to reset the statement be able to successfully retry.

So I modified U++ sqlite classes, to handle a timeout.

You can set negative value as timeout if you need infinite wait. Infinite is dangerous for more than one thread, as you can get infinite deadlock that way.

I don't know if this workaround fits into U++, but I attached the patch.

File Attachments
1) sqlite3_busy.patch, downloaded 396 times