Subject: Does SQLite is thread safe?
Posted by JoseB on Wed, 15 Apr 2009 15:30:01 GMT
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Hi,
I am planning an upp aplication that will have a service for running in windows xp and a GUI console to administer that service. The service will use SQLite database. During execution will be the change that service is reading from database table and console is adding or editing records.
Does SQLite database supports this?
If not, which FREE database are you using for multiuser/multiprocess?

Thanks

JoseB

Subject: Re: Does SQLite is thread safe?
Posted by mirek on Wed, 15 Apr 2009 16:22:31 GMT
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JoseB wrote on Wed, 15 April 2009 11:30Hi,
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Thanks

JoseB

As long as you keep one session per one thread, I think you should be OK.

(More threads per one session are OK too, but you need to serialize then).

Mirek

Subject: Re: Does SQLite is thread safe?
Posted by sergeynikitin on Wed, 15 Apr 2009 16:35:57 GMT
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Yes, if use of atomic transactions, SQLite guarantees non-different threads, and data integrity.
(Read the documentation on www.sqlite.org).

Also states that in the case of atomic operations is guaranteed simultaneous multi-stations work and data integrity as if the traditional transaction were used.

Subject: Re: Does SQLite is thread safe?
Posted by JoseB on Wed, 15 Apr 2009 18:12:25 GMT
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in my case is not multi-thread but multi-process on the same OS, but i think it is the same for this matter.

JoseB
