Subject: Re: Socket and multiple Threads
Posted by mirek on Sun, 11 Jul 2010 22:48:35 GMT

Sc0rch wrote on Sun, 11 July 2010 17:50Hello, everyone!

Is there any example for this topic? In my program, when I try to use the Socket in threads, Socket is always closed. One variable: in main thread it's open, in other threads - closed. Why so?

Thank you,
Anton.

Hey, it is still the same story (as with SQL).

As soon as you have multiple threads and shared object, you HAVE TO "serialize" the access to the object using the mutex, so that only single thread "runs" the object at any given time. I mean, only single thread at any given time can read/write/execute members of object. This is what mutexes are for.

Rules are more fine-grained, but in practice this pretty much sums it.

Note: There ARE some objects where this does not hold, where you can call methods without mutex locking. Most of them are associated with multithreading, e.g. Mutex class itself...