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Subject: Error in RpcServer example

Posted by [Zbych](#) on Thu, 19 Jan 2017 10:22:41 GMT

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Hi,

There is an error in RPC server shown here:

[http://ultimatepp.org/reference\\$MtRpcServer\\$en-us.html](http://ultimatepp.org/reference$MtRpcServer$en-us.html)

Take a look at mutex usage:

```
void Process(int n)
{
    INTERLOCKED { LOG("Process " << n << " started"); }
    Mutex accept_mutex;

    for(;;)
    {
        TcpSocket http;
        accept_mutex.Enter();
        [...]
        bool b = http.Accept(rpc);
    }
}
```

This mutex should allow only one thread to enter Accept method at a time.

But since every thread has its own mutex instance, it doesn't do its job and all threads stuck not on Enter(), but inside http.Accept().

"Mutex accept\_mutex" should either be part of MtRpcServer class or be static.

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Subject: Re: Error in RpcServer example

Posted by [mirek](#) on Sun, 29 Jan 2017 21:35:37 GMT

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Fixed.

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