
Subject: Re: Need a suggestion about mouse processing inside threads

Posted by [mirek](#) on Tue, 13 Dec 2011 16:47:56 GMT

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From what I see, the only thing you need is to synchronize is your commandline. So just create Mutex for reading/writing to commandline...

Not that you will have to make a copy when reading it...

```
void UppCadDocument::commandLoop(void)
{
    // loop not ended
    INTERLOCKED_(mutex)
    {
        loopEnded = false;
    }
    while(!Thread::IsShutdownThreads())
    {
        String currentCommand;
        {
            Mutex::Lock ____(commandLineMutex)
            currentCommand = commandLine;
        }
        if(currentCommand.HasCommand())
        {
            String cmd = currentCommand.GetCommand();
            if(cmd != "<ESC>" && cmd != "")
                SendCommand(cmd);
        }
        Sleep(100);
    }
    // loop ended
    INTERLOCKED_(mutex)
    {
        loopEnded = true;
    }
}
```