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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;
}
```

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