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Subject: Shutdown procedure by clicking red x  
Posted by [nneilson](#) on Thu, 02 Dec 2010 14:17:27 GMT  
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I have an app created with Upp that works great most of the time.

I am wondering about the shutdown procedure when clicking on the red x to end the app. The code has:

```
void Exit0() {  
    if(CommPort.IsOpened()) CommPort.Close();  
    if(CommPort2.IsOpened()) CommPort2.Close();  
    Thread::ShutdownThreads();  
    Break(); // Closes window with 'Cancel'  
}
```

```
GUI_APP_MAIN{  
    GPSv2().Run();  
    if(CommPort.IsOpened()) CommPort.Close();  
    if(CommPort2.IsOpened()) CommPort2.Close();  
    Thread::ShutdownThreads();  
}
```

When the app is closed with "void Exit0()" it explicitly closes any open ports and shuts down any threads.

When clicking the red x to end the app will this close the ports and end the threads if that is under \_MAIN?