

Re: Mutex and messages

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-04/1392.html>

From: Andreas Håkansson ("*Andreas*")

Date: 04/05/04

Date: Mon, 5 Apr 2004 19:25:17 +0200

William,

Remoting, Other IPC:s such as mailslots, send message .. <insert more ideas here>

HTH,

//Andreas

"William Stacey [MVP]" <staceywREMOVE@mvps.org> skrev i meddelandet news:uWyAIEzGEHA.1268@TK2MSFTNGP12.phx.gbl...

> *Unless I miss an easy solution, this would require some kind of IPC message.*

> *1) User clicks on file ex.*

> *2) New app opens.*

> *3) New app gets file name, and figures out another instance is open.*

> *4) It sends a message to a Named Pipe or Memory mapped file, or file.*

> *5) It also signals a named event that first blocks on in another thread.*

> *6) First app unblocks wait thread and figures out the file name and does*

> *what ever.*

>

> *I guess you could simplify by using a known hidden file or something.*

Then

> *when you get the event, you open and look in the file for file name and path*

> *and do your thing. Other possibilities here. HTH*

>

> --

> *William Stacey, MVP*

>

> *"Mark Rae" <mark@markrae.co.uk> wrote in message*

> *news:OfHd3wyGEHA.688@tk2msftngp13.phx.gbl...*

> > *Hi,*

> >

> > *I have a WinForms desktop MDI application written in C#. Following advice*

> > *from others in this forum, I prevent multiple instances of the app*

running

> > *at the same time by creating / trying to create a mutex, as follows:*

> >

> > *bool blnCreatedMutex;*

> > *objMutex = new System.Threading.Mutex(true, "zzzzzzMyCoolAppzzzzz",*

> > *out*

> > *blnCreatedMutex);*

> > *if (!blnCreatedMutex)*

> > *{*

> > *MessageBox.Show("My Cool App is already running", "Error",*

> > *MessageBoxButtons.OK, MessageBoxIcon.Stop);*

> > *this.Close();*

> > *return;*

> > *}*

> >

> > *The app saves data files onto the file system, and I have associated these*

> > *files' extension with the app's executable. All is well – I interrogate*

> > *the*

> > *args property when the app loads and try to open any files found there*

> > *e.g.*

> >

> > *foreach (string strArg in astrArgs)*

> > *{*

> > *openFile(strArg);*

> > *}*

> >

> > *No doubt you can all guess the next question... :-) if the app is already*

> > *running, and the user double-clicks one of its files, I want to somehow*

> > *get*

> > *a message to it to open the file(s) found in the args of the second*

> > *instance, which I will then terminate.*

> >

> > *Any assistance gratefully received.*

> >

> > *Best,*

> >

> > *Mark*

> >

> >

>