

Re: Service hangs when accessing ActiveX control

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.interop/2005-09/msg00187.html>

- *From:* "Willy Denoyette [MVP]" <willy.denoyette@xxxxxxxxxxx>
 - *Date:* Wed, 14 Sep 2005 18:11:36 +0200
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"Lucvdv" <replace_name@xxxxxxxx> wrote in message
news:enkfi11c4mjqlbi6goqisnmoe204hoch05@xxxxxxxxxxx

> On Tue, 13 Sep 2005 20:31:59 +0200, "Willy Denoyette [MVP]"

> <willy.denoyette@xxxxxxxxxxx> wrote:

>

>> So what you should do is create the form and the control's instance from

>> an

>> (the same) STA thread, but again, this is not something I strongly advise

>> against.

>

> Thanks. I suppose there's a "not" too many there?

>

Yep.

>

> But it doesn't even work: the form is created in the constructor of the

> service class, which is instantiated from a sub Main with <STAThread>

> attribute.

> The form is used only as a container for the control.

>

The STAThread attribute is ignored on Main in a service, Service threads run in an MTA by default, if this is not what you want, you have to create your own STA thread.

> Just to see if there's a difference I changed it into <MTAThread>.

> That causes a ThreadStateException when the service is started, so it's

> not

> like the <STAThread> was ignored (which it would be if there was no COM

> interop).

>

Sure there is no difference because ... see above.

>

> So I guess I'll have to port the control's code to a managed dll.

> I've already had to do that with another piece of code in another

> application, but this time it doesn't look as if it will be simple, and

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> time is pressing :(

Won't help you, Controls in .NET are UI elements and have the (almost) same requirements as AX controls.

Willy.

• **Follow-Ups:**

- ◆ **[Re: Service hangs when accessing ActiveX control](#)**
◇ From: Lucvdv

• **References:**

- ◆ **[Service hangs when accessing ActiveX control](#)**
◇ From: Lucvdv
- ◆ **[Re: Service hangs when accessing ActiveX control](#)**
◇ From: Lucvdv
- ◆ **[Re: Service hangs when accessing ActiveX control](#)**
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◇ From: Lucvdv

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