IWebBrowser2 doesnt seem to be destroyed correctly − remaining connections

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- *From*: petrus3d@xxxxxxx
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Hello,

We are currently dealing with a serious problem involving the use of IWebBrowser2 (wrapper created with VC6 from Internet explorer 6). The problem happens over Windows XP or Windows XPE.

We have created an application which purpose is to display, one after another, a set of webpages displayed inside the IWebBrowser2 control.

Each time a new item (webpage) from the list has to be played, we instanciate a thread which will create the IWebBrowser2 control, then ,when we have to display the next webpage, the thread destroys the IWebBrowser2 control and a new thred is created which will create the next IWebBrowser2 control for the next webpage , etc ...

After some time, which can vary from minutes to hours, the process becomes unable to display some webpages that it could display correctly before, and we noted that once a webpage cannot be displayed, any webpage from the same domain won't be able to be displayed anymore. For ex if the process can't display "www.domain.com/page.html" it won't be able to display either "www.domain.com/anotherpage.html", until of course we restart the process.

We bieleve that actually the way the IWebBrowser2 control is destroyed must be related with the problem, and it seems that somehow the process reached the maximum of http connexions allowed from one client to one server (according to the http 1.1 rfc, 2 connections), even if we explicitely destroyed in the apllication code the previouly used WebBrowser2 controls.

Yet we tried to kill any http connections using for ex sysinternals tools or even renew the internet connection itself,but the process won't be able to display any webpages from one or even several different domains until the process is restarted. This even if netsat shows not any http connections remaining.

We'll be glad if anyone has an idea about how to solve this issue.

Thanks in advance.

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