

## Re: debugging web server with lmemdebug

**Source:**

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2004-05/0036.html>

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There is no graceful way to terminate httpdexe.exe. There is another way to do what you're trying to do, however.

Before starting you will need to add this registry value

[HKLM\COMM\HTTPD]

ScriptUnloadDelay=DWORD:60000

This tells HTTPD to only cache ISAPI extensions in memory for 60 seconds after their last use, rather than the default 30 minutes. After this period, the ISAPI will be unloaded. In practice it may take a few minutes before an ISAPI is unloaded, depending on how the timing happens to work out.

What you can do then is to set a check point in LMEM (I believe it allows this) after the web server has been running but before it starts processing requests and/or loading any ISAPI's/ASP pages you may have. Then run the web server pages you're interested in. Unplug the device from the network to make sure no one else makes requests after a certain point. Wait a few minutes to let any ISAPI's to be unloaded. (HTTP worker threads in internal thread pool will take +5 minutes before they terminate. This is not configurable, so either wait longer or be aware you will see unfreed memory from worker threads.) Then have LMEM tell you everything that has not been unloaded since the time you set the check point.

Hope this helps.

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"Emil Falcon" <[emilfalcon@hotmail.com](mailto:emilfalcon@hotmail.com)> wrote in message news:effb7e33.0404281408.7256c186@posting.google.com...

> Hi,

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microsoft.public.windowsce.platbuilder: Re: debugging web server with lmemdebug

> I'm trying to debug the Windows CE 4.2 web server in order to find  
> potential memory leaks, using lmemdebug and httpdexe. Only problem is,  
> there's no way of gracefully terminating httpdexe, so I can't get  
> accurate results...Any suggestions?  
>  
> Emil.