

Re: Setting up a Timer in an ActiveX DLL

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.com/2006-01/msg00030.html>

- *From:* "Tony Proctor" <tony_proctor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 9 Jan 2006 17:15:37 -0000
-

Just a normal EXE Seon

Check out the Windows Task Scheduler:

<http://www.microsoft.com/technet/prodtechnol/windows2000serv/evaluate/featfunc/taskschd.msp>

I'm sure I've seen references in these VB newsgroups so someone having developed a neat VB class to programmatically use the scheduler, but I haven't used it myself.

Tony Proctor

"news.microsoft.com" <seon@xxxxxxxxxxxxxx> wrote in message news:#dlPenJFGHA.3920@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Thanks for helping me out with this Tony :)>

>

> Ok, am happy to split the fuctionality.. no probs there... But, can you
> have a VP EXE that has no interface that just runs in the background, once
> installed, to just trigger off a timer like that? Obviously, if its an
EXE

> that a use launches, with an interface and all, no probs, but I didnt know
> you could do that with an Interface-Less EXE...

>

> Do I just use an ActiveX Exe? Or just a plain Exe?

>

> Seon Rozenblum

> Sector3

> Melbourne, Australia

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> "Tony Proctor" <tony_proctor@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

Re: Setting up a Timer in an ActiveX DLL

> news:uXoPXR3EGHA.208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>> Sounds like you need to think about logically separating the data
>> processing
>> (i.e. the collation/extraction of data from logs) from the actual user
>> viewing of that data Seon. Unless I'm misunderstanding something, the
data
>> processing has to occur just once each day, and before anyone looks at
the
>> stats.
>>
>> This cannot be done on a timer inside IIS because ASP executes in the
>> context of a user request, or more specifically an 'ASP Session'. It
can't
>> just wake up outside of such a context and do something useful. Also,
it's
>> bad practice to try and persist objects between HTTP requests, say in
the
>> Session variables.
>>
>> This leaves two choices: 1) a separate EXE that wakes up at the
>> appropriate
>> time and does the data processing itself, or sends an HTTP request to
your
>> IIS server to achieve it via your ASP code. Alternatively, 2) trigger
the
>> data processing when the first user attempts to view the stats during
the
>> day (i.e. no timer at all). You have to be a bit careful in this 2nd
case
>> as
>> there could be multiple users trying to view the stats at the same time,
>> and
>> your DLL would be executing on multiple threads within IIS.
>>
>> Tony Proctor
>>
>> "Seon" <Seon@News> wrote in message
>> news:umxyUA0EGHA.3064@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>>
>>>
>>>
>>> Ok, let me start again, and explain what I am doing...
>>>
>>> I am writing a WebStats App... for my web server, and I will also be
>>> packaging it up and selling it.
>>>
>>> Right now, my DLL really does nothing at all that requires it to run
>>> under IIS... all it does right now is extract/collate data from the
>>> logs, and write specific thinmgs into an access database, via
>>> ADODB/ODBC...
>>>

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>>> Eventually, it will also handle login/domain access via ASP, and I will
>>> also encapsulate a lot of the back end code for the Stats DHTML
>>> generation within it to prevent clients from playing with/breaking the
>>> package.
>>>
>>> basically, I just want my DLL triggered every morning to collate the
>>> previous days logs form all domains being tracked.
>>>
>>> It all works fine now, apart from the auto running of itself every
>>> morning.
>>>
>>> So... Can an EXE be used instead of the DLL? Can I still access my
>>> classes the same way (Via ASP), and if so, can the EXE have a timer on
a
>>> form (that never gets seen) run this way under IIS?
>>>
>>> Though I am a very capable web developer, and have no dramas with
>>> VBScript/JavaScript/ASP, and have written COM DLL's for IIS before as
>>> basic wrappers for other DLLs, I have never written something like this
>>> that has to automate itself.
>>>
>>> I dont want it running under windows schedule as it is something that
>>> needs to be self sufficient, as it will be a product I will be selling,
>>> and I want the installation to be quick and simple, and the package to
>>> work in the simplest way possible.
>>>
>>> I hope this clarifies things a bit..
>>>
>>>
>>> *** Sent via Developersdex <http://www.developersdex.com> ***
>>
>>
>
>

• *Follow-Ups:*

- ◆ **Re: Setting up a Timer in an ActiveX DLL**
◇ From: Wendell Buckner

• *References:*

- ◆ **Re: Setting up a Timer in an ActiveX DLL**
◇ From: Tony Proctor
- ◆ **Re: Setting up a Timer in an ActiveX DLL**
◇ From: Seon
- ◆ **Re: Setting up a Timer in an ActiveX DLL**
◇ From: Tony Proctor

Re: Setting up a Timer in an ActiveX DLL

◆ ***Re: Setting up a Timer in an ActiveX DLL***

◇ *From:* news.microsoft.com

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