
Subject: Re: progressbar update problem

Posted by [David Fanning](#) on Thu, 29 Oct 2009 12:40:47 GMT

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lbusett@yahoo.it writes:

> I'm using David Fanning's progressbar procedure to show the
> advancement of a time-consuming routine, but I have a problem. The
> progressbar works ok, but since each cycle of the operation that I'm
> conducting take a couple of minutes to complete I have some problems
> in the "updating" of the window. The window infact upates itself only
> at the end of each cycle, and if I open a window "over" the progress
> bar and then close it then the progress bar window appears "blank"
> until the start of the next cycle. Moreover, and this is the worst
> problem, the "cancel" button of the progress bar does not work. I
> believe this is because IDL is busy at making "other things", and the
> program isn't able to catch the button press events.
>
> Does anyone know if there is a way to overcome this problem ?

I wonder if the IDL Bridge would help in this situation?
(IDL_IDLBridge object). The idea would be to run the progress
bar in a separate IDL process. I really have no idea if you
could communicate with the ProgressBar object over the bridge
in this way. But since it would be running in a separate IDL
process, it might solve the "update" problem. On the other
hand, it might also cause a world of problems on its own, so...

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: progressbar update problem

Posted by [lbusett@yahoo.it](#) on Thu, 29 Oct 2009 17:02:20 GMT

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Hi David,

thanks for your suggestion ! I took a look at the IDL_IDLBRIDGE,

and it seemed promising.

However, while reading the documentation and some posts in the newsgroup I found out that the Bridge can not be used in the virtual machine, since the EXECUTE method doesn't work.

Since I plan to share the application with the VM, I then think that I can not use this solution.

Any other ideas ?

Lorenzo

>
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Subject: Re: progressbar update problem
Posted by [rdh](#) on Thu, 29 Oct 2009 19:42:58 GMT
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Hi Lorenzo,

I'm running into a similar issue, and was trying to start another IDL vm session using SPAWN with the UNIT keyword. I could get the update to work, but could not figure out how to kill the window, as i can't get the lun pipe to work properly nor will free_lun work to stop the idl process. But perhaps someone else has some insight on using this method...

romy

On Oct 29, 12:02 pm, "lbus...@yahoo.it" <lbus...@yahoo.it> wrote:

> Hi David,
>
> thanks for your suggestion ! I took a look at the IDL_IDLBRIDGE,
> and it seemed promising.
> However, while reading the documentation and some posts in the
> newsgroup I found out that the Bridge can not be used in the virtual
> machine, since the EXECUTE method doesn't work.
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> Since I plan to share the application with the VM, I then think that I
> can not use this solution.
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> Any other ideas ?
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>> David
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Subject: Re: progressbar update problem
Posted by [Andrew Cool](#) on Mon, 02 Nov 2009 22:36:06 GMT
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On Oct 30, 3:02 am, "lbus...@yahoo.it" <lbus...@yahoo.it> wrote:
> Hi David,
>
> thanks for your suggestion ! I took a look at the IDL_IDLBRIDGE,
> and it seemed promising.
> However, while reading the documentation and some posts in the
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Lorenzo,

You do not need the IDL VM to distribute a fully functional IDL app to people who do not have IDL licences - indeed who have never even heard of IDL.

Search the IDL Help for "Distributing IDL Applications".

All you really need to do is create a SAVE file of your app, and then bundle up the essential IDL routines.

By way of example, see Michael Theusner's AviStack program at www.avistack.de, which is available as a 20MB zip file, containing the AviStack program as an IDL Save file, and just the necessary subset of IDL routines to enable AviStack to run, and the IDL runtime executable.

You can even distribute your program on autostart CD's in this fashion.

All totally legitimate, all explained within IDL's Help files.

This might not actually solve your Progress Bar problem, but may reduce your dependence on the IDL VM.

Regards,

Andrew Cool

<http://www.skippysky.com.au/>
