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Subject: Re: runtime application avoid multi open

Posted by [David Fanning](#) on Tue, 24 Apr 2012 13:37:04 GMT

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Rongchang Chen writes:

- > I have my runtime application, saved it in a .sav. I found it can be
- > multi opened. However, I wish the same application just can be one
- > open/active on the operation system, if someone want to open the same
- > application again, then it will pop-up the already opened one.
- > Does someone know how to realize this?

Use the XRegistered command in your program. If the program is already registered, use the Show keyword to Widget\_Control on your top-level base widget.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

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Subject: Re: runtime application avoid multi open

Posted by [Vincent Sarago](#) on Tue, 24 Apr 2012 13:38:46 GMT

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Hello,

Is your runtime Application using XREGISTER (i guest it's a Widget) ?

if yes you can just teest if the procedure or function has been already register .

PRO yourAppliMainPro

if (XREGISTERED("yourAppliMainPro") ne 0) then begin

# Do What you want Here

endif

Vincent

On Tuesday, April 24, 2012 3:32:46 PM UTC+2, Rongchang Chen wrote:

> Hi everyone,  
> I have my runtime application, saved it in a .sav. I found it can be  
> multi opened. However, I wish the same application just can be one  
> open/active on the operation system, if someone want to open the same  
> application again, then it will pop-up the already opened one.  
> Does someone know how to realize this? thanks a lot.  
>  
> All the best,  
> Rongchang

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Subject: Re: runtime application avoid multi open

Posted by [Vincent Sarago](#) on Tue, 24 Apr 2012 13:44:32 GMT

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On Tuesday, April 24, 2012 3:37:04 PM UTC+2, David Fanning wrote:

> Rongchang Chen writes:  
>  
>> I have my runtime application, saved it in a .sav. I found it can be  
>> multi opened. However, I wish the same application just can be one  
>> open/active on the operation system, if someone want to open the same  
>> application again, then it will pop-up the already opened one.  
>> Does someone know how to realize this?  
>  
> Use the XRegistered command in your program. If the program  
> is already registered, use the Show keyword to Widget\_Control  
> on your top-level base widget.  
>  
> Cheers,  
>  
> David  
>  
>  
>  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

arghhh David you are every where ;-)

Vincent

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Subject: Re: runtime application avoid multi open  
Posted by [Rongchang Chen](#) on Tue, 24 Apr 2012 14:09:49 GMT  
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Thanks David and Vincent.

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Subject: Re: runtime application avoid multi open  
Posted by [Russell\[1\]](#) on Tue, 24 Apr 2012 15:51:08 GMT  
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On Apr 24, 10:09 am, Rongchang Chen <chenrc1...@gmail.com> wrote:  
> Thanks David and Vincent.

So this will work fine if you have only one IDL session open. But, if the user starts two separate IDL windows then the xregister won't know about the other applications. A clunky way to deal with this, is to use a "lock file", where you write some file to some directory (say /tmp/ or something) then everytime you start the application you test if the file exists. If so, then it's running somewhere. Everytime you close the program, just remember to delete the file...

Russell

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Subject: Re: runtime application avoid multi open  
Posted by [Heinz Stege](#) on Tue, 24 Apr 2012 17:54:43 GMT  
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And a beautiful way to deal with this is to use a semaphore. IDL supports them. See SEM\_CREATE in the manual.

Heinz

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