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Subject: All iTools have my UI Panels

Posted by [James Everton](#) on Mon, 23 Jan 2006 17:40:50 GMT

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Hello everyone,

I'm having a problem that has to do with opening up different instances of iTools. In my iTool, I create some UI panels, and as is required, I use ITREGISTER to register them with the iTools system. I create my iTool from a procedure, then I go about my business. However, if someone wanted to close my iTool, go back to the command line, then open up ilmage (or some other iTool), they would still have all my panels in their new iTool.

I need some help in figuring out a way so that after my iTool is created, I delete the panels from the iTools registry so any new instances of iTools don't have my panels in them.

I hope that there is some way to handle this problem, because no matter what functionality I can actually implement into my iTool, if I can't leave the iTools system as it should be, my stuff probably won't get used at all.

Thank you very much for reading this post.

Sincerely,

- James

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Subject: Re: All iTools have my UI Panels

Posted by [asantiago](#) on Wed, 22 Feb 2006 10:48:01 GMT

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Sorry for this too late reply,

Really this isn't an answer, it's more similar to a question.

Once you register the UIPanal: Isn't there any way to unregister it when your iTool closes? (Somethin similar in your Clenup method as self->Unregister, oUID

Thanks.

PD: I'm working hard know on iTools source code. Any sugestion or ideas will be appreciated.

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Subject: Re: All iTools have my UI Panels  
Posted by [James Everton](#) on Fri, 03 Mar 2006 16:55:42 GMT  
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Hi,

The problem with not being able to unregister the panels is that I can't find the panels within the Data Manager in the same way that you can find visualizations. Normally, I could search using the `IDLitool::FindIdentifiers()` method, then from there, use the `IDLitool::RemoveByIdentifier()` function to get rid of it. These panel UI's don't have the same thing, unfortunately.

One way that I found might work is using the `TYPES` keyword when creating your iTool and when registering your panel. Supposedly, if you set the `TYPES` variable to something unique for both of these, your panel will only show up when you create your iTool. This must be how they have the 'Image' panel come up only when you call `ilimage`.

Unfortunately for me, I have been essentially calling `ilimage` to create my iTool (passing "Image Tool" as the first parameter to `IDLITSYS_CREATETOOL`) so I can't have this unique panel `TYPES` keyword set and still have the Image panel show up. If someone knows a way in which I could make a custom iTool and register the Image panel to my iTool, I would appreciate the help. Right now, I'm trying to get a hold of RSI for some technical support, but am having trouble with that because my company has a certain process they want us to follow when submitting help requests.

I hope we can both start helping eachother out on this, `asantiago`. I've been trying to program the iTools source code and would greatly appreciate someone to bounce ideas with.

Sincerely,

- James

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Subject: Re: All iTools have my UI Panels  
Posted by [Antonio Santiago](#) on Mon, 06 Mar 2006 07:53:21 GMT  
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James Everton wrote:

> Hi,

>

> The problem with not being able to unregister the panels is that I  
> can't find the panels within the Data Manager in the same way that you  
> can find visualizations. Normally, I could search using the

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> of RSI for some technical support, but am having trouble with that  
> because my company has a certain process they want us to follow when  
> submitting help requests.

I don't test any of the following ideas but:

1- You can create your CustomiTool as a subclass of 'iimage'  
(IDLitToolImage class) and initialize, or set, the TYPES keyword as you  
need.

2- Get a reference to the system object (\_IDLitSys\_GetSustem() function)  
and then use the oSsytem->CreateTool method to create a tool (instead by  
the procedure way). I think you can pass the TYPES keyword as an extra  
parameter.

Also, seeing your first old post, i think the problem when registering  
the panel with ITREGISTER was that you don't indicate the TYPE keyword  
and then your panel appears for all iTools.

>  
> I hope we can both start helping eachother out on this, asantiago. I've  
> been trying to program the iTools source code and would greatly  
> appreciate someone to bounce ideas with.

>  
I hope the same. For some strange reason iTools hasn't got so many  
acceptation in the IDL world (perhaps because seems a bit slow or  
perhaps because needs a hard period to learn it).

> Sincerely,  
>  
> - James  
>

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