
Subject: Re: iTools System object bug ??
Posted by [codepod](#) on Wed, 08 Mar 2006 17:47:04 GMT
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Antonio,

You are correct, this is a bug. There should only ever be 1 system object.

This issue is in `_IDLitComponent::AddByIdentifier` and it's ability to dynamically create new folders in the iTools hierarchy.

To get around this you could manually walk the iTools hierarchy, find your target location for your data object and add it.

I passed this on to someone I know at RSI and it will be filed as a defect.

Cheers

Antonio Santiago wrote:

```
> Hi group,  
> this is a happy iTools question. I know major part of you are fans of  
> iTools and I hope you can help me. (Sorry, this is a little joke, I dont  
> want to cause the wrath of gods against me).  
>  
> Well, the question is in iTools is supposed that IDLitSystem object is a  
> singleton (implemented as common code). Only exist one object System and  
> can exists manu "tools" objects.  
>  
> Take a look at the following code (I think it is right : ) ).  
>  
>  
> ****  
> Before execute, put a line in your "IDLitSystem::Init" object (something  
> like "PRINT, 'Initialized System'".  
> ****  
>  
>  
> The code creates an "Image Tool" (IDLitToolImage), then creates a  
> IDitData object and stores it in the component hierarchy.  
> The problem is that if you use the "AddByIdentifier" with a fully  
> qualified identifier then two System object will be created !!!  
>  
> PRO test2  
>  
> idTool = IDLitSys_CreateTool('Image Tool')
```

```

> idt = ITGetCurrent(TOOL=oTool)
>
> da = OBJ_NEW('IDLitData', NAME='data_a')
> a = bindgen(10,10)
> r = da->SetData(a)
>
> oTool->AddByIdentifier, 'Layers', da
>
> ;; Uncomment this and two IDLitSystem object will be created. Is
> ;; this right???
> ; oTool->AddByIdentifier, '/Layers', da
>
> END
>
> Any sugestions or ideas??
> Is correct that exists two different System object? I think not, but
> also the above code can be wrong.
>
> Thanks.
>
>
> --
> -----
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```
