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Subject: Re: iTools questions

Posted by [rivers](#) on Fri, 29 Aug 2003 13:20:52 GMT

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David Fanning <david@dfanning.com> wrote in message  
news:<MPG.19b893d31af48ccc9896d9@news.frii.com>...

David, thanks for the reply. I'm getting back into IDL now that the virtual machine lets me distribute applications to our users. I've been going down the Python track for a while.

```
> ; Get a reference to the iTool system object:  
>  
> theSystem = _IDLitSys_GetSystem()
```

This is the key, as I discovered late last night. However, this appears to be undocumented routine, and the only reference to the iTool system object that I could find in the documentation says that users should never need to worry about it! I am puzzled by the fact that the iTools are highly object oriented, but when you create one there is no way to get an IDL object reference back for what you've created. You can only get an object identifier (string), which you can't turn into an IDL object reference without an initial object reference to start with.

In any event, this works. It looks to be very powerful. The data we collect are often scans (1-D, 2-D), and by simply putting the scan data into the data manager it should be possible to let users visualize their data any way they want without writing any visualization code at all. Pretty nifty.

Cheers,  
Mark

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