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Subject: Re: Autorotate for iTools?

Posted by [Kenneth P. Bowman](#) on Thu, 12 Jan 2006 22:18:05 GMT

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In article <1137002628.421292.26430@g49g2000cwa.googlegroups.com>, "David Alexander" <davidessandro@yahoo.com> wrote:

Thanks very much for the help with this, David. After I posted my original query, I managed to get the second part of this task working (writing the image to a file), after much trial and error. Your suggestions were a big help with the first part.

```
> The dataspaceroot object subclasses from IDLitVisualization, so it
> inherits the Rotate method. There are actually several data space
> objects in each view, and you want to call Rotate on the highest level
> data space, ie, the one that contains all the others. This is an object
> of type IDLitVisDataSpaceRoot. Its identifier ends with "Data Space
> Root", so you can get it like this:
>
> id=oTool->FindIdentifiers("*data space root")
> oDSRoot=oTool->GetByIdentifiers(id)
```

I could not find anything containing "root" but this works:

```
IF (N_ELEMENTS(view) EQ 0) THEN view = 'VIEW_1' ;Default view to
rotate
data_space_id = itool_obj -> FindIdentifiers('*' + view + '*DATA
SPACE', /VISUALIZATION)
```

Is there a direct way to get an iTool object reference given the iTool identifier? What I am doing now is:

```
previous_id = itGetCurrent()
ITCURRENT, itool_id
temp = itGetCurrent(TOOL = itool_obj)
```

At the end of the program I set the current iTool to previous

```
ITCURRENT, previous_id
```

When I feel brave in a few days, I think I'll post this code so that everyone can point out the dumb ways I am doing things. This is a brave new world for us unreconstructed Fortran programmers.

```
> You could even write a custom operation that shows up in the Operations
> menu...
```

I don't think I'm ready for that yet. I'll save it for the advanced

course.

Ken

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