
Subject: Re: xyouts for iPlot?

Posted by [Michael Galloy](#) on Wed, 29 Aug 2007 17:53:41 GMT

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On Aug 29, 10:36 am, David Fanning <n...@dfanning.com> wrote:

> Paul van Delst writes:

>> Holy cow.

>

> Yeah, I had exactly the same idea, but I packed a little

> more functionality into it:

>

> PRO iXYOUTS, id, theString

> theSystem = _IDLitSys_GetSystem()

> theTool = theSystem -> GetByIdentifier(id)

> idAnnotate = theTool -> FindIdentifiers('*/ANNOTATION LAYER')

> oAnnotate = theTool -> getByIdentifier(idAnnotate

> oAnnotate -> add, OBJ_NEW('IDLitVisText', _STRING = theString,

> ALIGNMENT = 0.5, \$

> VERTICAL_ALIGNMENT = 1.0, \$

> FONT_SIZE = 24, \$

> LOCATION = [0.5, 0.5, 0.5])

> END

>

> This way it can be used with ANY iTool, as long as you

> remember to get the identifier when you call the tool.

>

> IDL> IPlot, findgen(11), Identifier=id

> IDL> iXYOUTS, id, 'This is any old string.'

>

The ID should probably be an optional keyword. Then ITGETCURRENT() could be used to get the current iTool (i.e. same basic idea as the current graphics window) if the ID is not provided.

Mike

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