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Subject: Re: animated iplots

Posted by [Michael Galloy](#) on Thu, 10 Jul 2008 18:03:02 GMT

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On Jul 10, 10:15 am, humanumbre...@gmail.com wrote:

```
> hi ~~
>
> ok , so I have a question.
>
> Trying to get animated line plot in iplot.
> I can't get it to overwrite what's in iplot without the overplot
> keyword, which is not what I want anyway because I only want one line
> instead of 2.
>
> ie,
> iplot, x
> ;modify x
> iplot, x
> -- this creates 2 windows, I only want one.
>
> plot, x
> ;modify x
> plot, x
> does exactly what I want, except it's in plot not iplot O_O
>
> So, it should be iplot with only one line at all time, but that line
> is changing.
> Thanks in advance!
> --Justin
```

I think you will need to set the data on the data object displayed.

Try:

```
pro iplot_animation_demo
; read in some data
data = randomu(seed, 512)
```

```
; create original iTool (getting ID for later use)
iplot, findgen(512), data, identifier=idPlotTool
```

```
itcurrent, idPlotTool
id = itGetCurrent(tool=oPlotTool)
```

```
; save Plot Vis' ID so we can come back to it later
idPlotVis = oPlotTool->findIdentifiers('*plot', /visualizations,
count=count)
oPlotVis = oPlotTool->getByIdentifier(idPlotVis)
```

```
for i = 0, 99L do begin
```

```
oDataX = oPlotVis->getParameter('Y')
success = oDataX->setData(randomu(seed, 512))
endfor
end
```

Mike

--

www.michaelgalloy.com  
Tech-X Corporation  
Software Developer II

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Subject: Re: animated iplots

Posted by [humanumbrella](#) on Thu, 10 Jul 2008 18:18:09 GMT

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On Jul 10, 2:03 pm, "mgal...@gmail.com" <mgal...@gmail.com> wrote:

> On Jul 10, 10:15 am, humanumbre...@gmail.com wrote:

>

>

>

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>   oDataX = oPlotVis->getParameter('Y')
>   success = oDataX->setData(randomu(seed, 512))
> endfor
> end
>
> Mike
> --www.michaelgalloy.com
> Tech-X Corporation
> Software Developer II
```

Mike -- Cheers my friend, it works.

I will now attempt to modify it to work for my code, I'll let you know! (:

Thanks~!~

--Justin

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