Subject: Re: FLOW3, PLOT and XOBJVIEW on same spinning window!!
Posted by Paul Sorenson on Wed, 02 Jun 2004 18:57:10 GMT
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Hi Elias,

The FLOW3 procedure was written in 1991 before IDL object graphics was
created. You have the source code to FLOW3 in flow3.pro. I would recommend
making changes to that procedure so that it generates object graphics
instead of direct graphics. For example, where flow3.pro calls PLOT you
could substitute a call to OBJ_NEW. You could change FLOW3 so as to return
the object graphics that it generates. Then you could draw all of your
results with XOBJVIEW. In that case, you would not need to create your own
IDLgrWindow.

-Paul Sorenson
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"elias" <heoa@hotmail.com> wrote in message
news:e920fce6.0405291933.3d433743@posting.google.com...
> Thank you sir for your promptly replay. However, I still have one
> more doubt.
>
> I have vectors plotted from the FLOW3 procedure and a plot of lines
> that I did with PLOT by having the coordinates as input. I have these
> two in the same window.
>
> I did what you suggested me to do, but how can I define in the line:
> oWindow = obj_new('IDLgrWindow', retain=3), to plot the axes and the
> PLOT and the FLOW3 output in that window where I can spin the whole
> thing at the same time? Because this line is just showing me a black
> window, and the axes are appearing in a separate window where I can
> spin with the mouse.
>
> xaxis = OBJ_NEW('IDLgrAxis', 0, RANGE=[0, 49.0], TICKDIR=1,
> COLOR=[255,0,0],ticklen=ticklen)
> yaxis = OBJ_NEW('IDLgrAxis', 1, RANGE=[0, 49.0],
> TICKDIR=1,COLOR=[255,0,0],ticklen=ticklen)
> zaxis = OBJ_NEW('IDLgrAxis', 2, RANGE=[70, 0.0],
> TICKDIR=1,COLOR=[255,0,0],ticklen=ticklen)
>
> xAxis->GetProperty, ticklen=ticklen
> yAxis->GetProperty, ticklen=ticklen
> zAxis->GetProperty, ticklen=ticklen
>
> oWindow = obj_new('IDLgrWindow', retain=3)
>

> oView->Add, [xaxis, yaxis, zaxis]
> oView->Reset, oWindow
> oWindow->Draw, oView
> xobjview, oView
>
>
> I hope this is possible to get done, to ease my capabilities to rotate
> what I did with PLOT and FLOW3.
>
> Thank you very much,
>
> Elias