Subject: Re: Plotting symbol : Open / filled (closed) circle with a dot at the center

Posted by Helder Marchetto on Thu, 23 Jan 2014 10:13:35 GMT

On Thursday, January 23, 2014 8:34:08 AM UTC+1, Kaushal Sharma wrote:
> Hello,
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> I need to define a new plotting symbol as a circle but with a dot inside (sun symbol for plotting not for labelling). There are routines through which open or filled circle can be used as a plotting symbol. But I did not find any which has a dot inside. Currently I am using an alternative approach:
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> plot,findgen(20),psym=sym(6)
>
> oplot,findgen(20),psym=3
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>
> This serves the purpose but since there are many plot commands in my routine and for each of them I have to supply oplot command. I want to avoid writing oplot after each plot command.
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> It would be helpful if any of you could suggest some better way to do this.
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> Kaushal

I think Fabien's suggestion is a good one.
One thing you can look at is the the UserSym procedure
(http://www.exelisvis.com/docs/USERSYM_Procedure.html).
However, it seems like the only one line is allowed. That means that you cannot disconnect the outer circle from the dot in the middle. In the example, it is shown how to produce a filled circle.

Regards,
Helder