Subject: Plotting symbols filled with pattern(s)
Posted by andry on Fri, 16 Oct 2015 13:45:39 GMT

Hi,

Could anybody point me to some help on plotting symbols with filled pattern? Something like "plotsym.pro" but allowing to fill the symbol with pattern.

Thanks in advance,

Andry

Subject: Re: Plotting symbols filled with pattern(s)
Posted by Russell[1] on Fri, 16 Oct 2015 14:50:29 GMT

On Friday, October 16, 2015 at 9:45:41 AM UTC-4, andry wrote:
> Hi,
>
> Could anybody point me to some help on plotting symbols with filled pattern? Something like "plotsym.pro" but allowing to fill the symbol with pattern.
>
> Thanks in advance,
>
> Andry

To my knowledge there isn't any off-the-shelf utility for this. But it wouldn't be that hard to create the symbol with some auxiliary function:

```
pro circle,x,y,RADIUS=radius
  ;compute circle

  ;plot circle
  polyfill, pattern=pattern

end
```

then loop over the data points in your plot and call this procedure each time. It's ugly and probably slow if you have a lot of data --- but if you have a lot of data, then plotting a pattern like this is gonna be costly anyway.

-Russell

Subject: Re: Plotting symbols filled with pattern(s)

Posted by andry on Fri, 16 Oct 2015 14:57:36 GMT

Hi,
Thanks for the advice. Yes, I do have large number of data and was hoping somebody has an optimized routine to do so.
Cheers,
Andry