
Subject: Re: Any alternatives of "circle" ('o') symbol using New Graphics?

Posted by [Fabzi](#) on Thu, 31 Jul 2014 08:21:44 GMT

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Hi,

On 30.07.2014 09:16, stpjhj@gmail.com wrote:

> scatter plot of 20K data points in eps format

In a scatter plot of 20K+ points, a huge majority will probably not even be visible. I know that it feels like "manipulating" data, but in this case a random sample of e.g. 2000 points of data might look exact same than the 20K points. Alternatively, you could also use pdf instead of eps:

```
IDL> x=randomu(seed,20000)
IDL> y=randomu(seed,20000)
IDL> p=plot(x,y,linestyle='none',symbol='o',sym_thick=4)
IDL> p.save,'test.eps'
IDL> p.save,'test.pdf'
IDL> $ls -lh test.eps
-rw-r--r-- 1 mowglie mowglie 12M Jul 31 10:19 test.eps
IDL> $ls -lh test.pdf
-rw-r--r-- 1 mowglie mowglie 5,1M Jul 31 10:19 test.pdf
```
