
Subject: cgplot clobbers user symbols

Posted by [Jeremy Bailin](#) on Wed, 18 May 2011 20:01:32 GMT

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I just discovered a behaviour of cgPlot that disturbs me somewhat. If I define a user symbol using USERSYM and then use it in cgPlot using PSYM=8, it works fine. But I follow it up with PSYM=something_else, my user symbol gets clobbered and the next call with PSYM=8 plots it with something_else.

For example:

```
usersym, [-1,1], [-1,1] ; diagonal line
; this gives a diagonal line, as expected:
cgplot, findgen(10), findgen(10), psym=8
; this gives plusses, as expected:
cgplot, /overplot, findgen(10), findgen(10) + 0.5, psym=1
; I expected diagonal lines, but I get plusses:
cgplot, /overplot, findgen(10), findgen(10) - 0.5, psym=8
```

Is this "expected behaviour"?

-Jeremy.
