On Thursday, December 4, 2014 3:41:21 PM UTC+1, David Fanning wrote:
> Mats Löfdahl writes:
>
>> That made the sun symbol look right, but now it doesn't respond to subscripting:
>>
>> IDL> cgset_ttfont, 'dejavusans'
>> IDL> cgplot, [0, 1], [0, 1], xtitle = 'R$\sub$$\sun$', output = 'test.pdf'
>>
>> The new version of test.pdf is now at the same url as before:
http://www.isf.astro.su.se/~mats/test.pdf
>
> This needs to be explained better in the documentation, but construct
> your string like this:
>
>    cgset_ttfont, 'dejavusans'
>    cgplot, [0, 1], [0, 1], xtitle = 'R$\sub\\sun$', output = 'test.pdf'
>

Wow!  This fixes an issue that has persisted 20 years in direct graphics.  For those of us still stuck on then even more ancient PODG (plain-ole-direct-graphics), you can invoke the DejaVuSans font using the formatting code !10.  E.g.:

xyouts,.5,.5,/normal,'M!D!10!Z(2299)!X!N',CHARSIZE=2,FONT=1

I see now that sunsymbol.pro has updated, using the more astronomically correct symbol at !Z(2609).  Either works (pick your favorite).