
Subject: Re: Large dots in Postscript output
Posted by [R.Bauer](#) on Sat, 15 Feb 2003 13:40:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

Irene Dumkow wrote:

> I am feeling a little like Lady Macbeth: Out, Out damned spot
>
> My problem: I am plotting data in the range 0 to 10000 and IDL is giving
> me tickmarks at 2000, 4000, 6000, 8000 and 10000. I have no problem with
> that, except that when using Postscript/Device - Fonts, IDL plots it as
> 2×10^4 , etc with the x being one large dot. Can somebody explain to me
> why IDL does that or has a good and or easy solution to at least shrink
> that dot or transform it into an x? Apart from getting the tickvalues
> via `gettickv` and putting it together by hand.
> I even used `ps_show_fonts` trying to figure out, what IDL might use and
> saw that character 183 is significantly smaller, if one uses the
> `/isolatin1` option. But that seems to work only for the sample fonts, not
> for my example.
>
> I hope somebody can shed some light!
>
> Irene
>
> PS: As these are intensity data, I could always use the 'arbitrary units'
> option, but I would really like to know, why IDL does this.

Dear Irene,

you can write yourself a function which is used to label the output on
the axes.

For example:

`http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_source/idl\_work/fr\_lib/emensch.pro`

`plot,findgen(20000),xtickformat='emensch'`

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

=====