
Subject: Re: anstrom

Posted by [Sang-Heon Shim](#) on Tue, 27 Jul 1999 07:00:00 GMT

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Thanks for the answer. For vector font, your idea works fine. However, if I try to use true type font, it doesn't.

```
IDL>xyouts, 0,0, string(197B), font=0 ; <- to get true type font
```

It gives wired character. Thanks.

Dan

Jeff Kolthammer wrote:

```
>
> Sang-Heon Shim wrote:
>
>> Simple question.
>>     How can I put angstrom character (i_1/2) in the postscript file using true
>> type font?
>>     Thanks.
>>
>
> Conveniently, the angstrom character is in the ASCII character set. You can
> generate the character with the "string" function and a byte argument:
>
> IDL> print, STRING(197B)
>
> You could use XYOUTS or something similar when writing to your postscript device;
> the TrueType font, size, et cetera can be controlled using keywords to DEVICE.
>
> For example, the following code draws some axes and drops a large TrueType
> angstrom character in the middle.
>
> IDL> set_plot, 'PS'
> IDL> DEVICE, FILE='w.ps', SET_FONT='Times', /TT_FONT
> IDL> plot, [0], /nodata, xrange = [-50,50], yrange = [-50,50]
> IDL> xyouts, 0,0, string(197B)
> IDL> device, /close
> IDL> set_plot, 'X'
>
> Hope this helps,
>
> Jeff
>
> -----
> Jeff Kolthammer
>
```

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