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Subject: Re: anstrom

Posted by [Jeff Kolthammer](#) on Tue, 27 Jul 1999 07:00:00 GMT

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Sang-Heon Shim wrote:

> Simple question.  
> How can I put angstrom character ( $\text{\AA}$ ) 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

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