## Subject: Re: tick text in stead of numbers
Posted by raval.chintan on Tue, 26 Jun 2007 09:01:46 GMT

On Jun 26, 1:24 pm, maffie <matthias.demuz...@geo.kuleuven.be> wrote:
> Dear all,
>
> Probably a quite easy one to solve, but I seem not to find it. I have
> an X-axis numbered from 0 to 11, and I would like to change these
> number values to the following string values 'U', ....'A' (also 12
> values). By which command can I do that???
>
> Thanks a lot!
> Best Regards,
> Matthias


When putting tick marks ... try out this ...

print,string(65b)

It will print A.  Here 65 is ascii number for A...  same way you can
find ascii for U.

Regards
Chintan


## Subject: Re: tick text in stead of numbers
Posted by Wox on Tue, 26 Jun 2007 09:43:10 GMT

On Tue, 26 Jun 2007 01:24:09 -0700, maffie
<matthias.demuzere@geo.kuleuven.be> wrote:

> Dear all,
>
> Probably a quite easy one to solve, but I seem not to find it. I have
> an X-axis numbered from 0 to 11, and I would like to change these
> number values to the following string values 'U', ....'A' (also 12
> values). By which command can I do that???
>
> Thanks a lot!
> Best Regards,
> Matthias

Something like this?

plot,indgen(12),XTICKN=string(bindgen(1,26)+65b),XTICKS=12,X TICKV=indgen(26)

---

## Subject: Re: tick text in stead of numbers
Posted by David Fanning on Tue, 26 Jun 2007 14:22:40 GMT
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Wox writes:

> Something like this?
>
>   plot,indgen(12),XTICKN=string(bindgen(1,26)+65b),XTICKS=12,X TICKV=indgen(26)

Well, except for the fact that this gets the letters in
exactly the opposite order of the desired result, I guess
this is "something like" what you need. :-)

I would do it like this. But I note that U...A is not 12
letters, but 11. You need this from W...A if you are going
to do it correctly.

First, create this tick formatting function.

```
  FUNCTION ValToStr, axis, index, value

  letters = Reverse(Bindgen(26))
  thisLetter = String(letters[2*index] + 62B)

  RETURN, thisLetter
  END
```

Then, apply it like this:

```
  IDL> plot,indgen(12),XTICKS=11,XTICKFORMAT='valtostr'
```

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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