Subject: Ploting help
Posted by d.poreh on Tue, 17 Nov 2015 17:25:44 GMT
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Folks,
Hi,
I have some data like:
19-Apr 35.9
03-May 32.4
11-May 23.3
.....
I want to plot this data as (x-y) plot as it is. I mean in x axis like: 19-Apr, 03-May, 11-May, ... and on the y axis just the number that i have. I do not want to convert them as Julian days or something else.
Any kind of help highly would be appreciated,
Cheers,
Dave

Subject: Re: Ploting help
Posted by greg.addr on Tue, 17 Nov 2015 17:57:24 GMT
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You mean like this?

```
xtickname=['19-Apr','03-May','11-May']
y=[35,32,23]
n=n_elements(y)
plot,indgen(n),y,xtickname=xtickname,xticks=n-1
```

cheers,
Greg

Subject: Re: Ploting help
Posted by d.poreh on Tue, 17 Nov 2015 18:09:49 GMT
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On Tuesday, November 17, 2015 at 9:27:27 PM UTC+3:30, greg...@googlemail.com wrote:
> You mean like this?
>
> xtickname=['19-Apr','03-May','11-May']
> y=[35,32,23]
> n=n_elements(y)
> plot,indgen(n),y,xtickname=xtickname,xticks=n-1
>
> cheers,

> Greg

Wow YES
Thanks :)
That made the trick :)
Cheers,
Dave

Subject: Re: Ploting help
Posted by d.poreh on Thu, 19 Nov 2015 11:57:19 GMT
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On Tuesday, November 17, 2015 at 7:09:51 PM UTC+1, dave poreh wrote:
> On Tuesday, November 17, 2015 at 9:27:27 PM UTC+3:30, greg...@googlemail.com wrote:
>> You mean like this?
>>
>> xtickname=['19-Apr','03-May','11-May']
>> y=[35,32,23]
>> n=n_elements(y)
>> plot,indgen(n),y,xtickname=xtickname,xticks=n-1
>>
>> cheers,
>> Greg
>
> Wow YES
> Thanks :)
> That made the trick :)
> Cheers,
> Dave

Hi Greg;
Just one more thing:
How could i rotate the xtickname 90 degrees? I mean in vertical orientation?
Cheers,
Dave,

Subject: Re: Ploting help
Posted by greg.addr on Mon, 23 Nov 2015 15:21:51 GMT
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On Thursday, November 19, 2015 at 12:57:23 PM UTC+1, dave poreh wrote:
> On Tuesday, November 17, 2015 at 7:09:51 PM UTC+1, dave poreh wrote:
>> On Tuesday, November 17, 2015 at 9:27:27 PM UTC+3:30, greg...@googlemail.com wrote:
>>> You mean like this?
>>>

>>> xtickname=['19-Apr','03-May','11-May']
>>> y=[35,32,23]
>>> n=n_elements(y)
>>> plot,indgen(n),y,xtickname=xtickname,xticks=n-1
>>>
>>> cheers,
>>> Greg
>>
>> Wow YES
>> Thanks :)
>> That made the trick :)
>> Cheers,
>> Dave
>
> Hi Greg;
> Just one more thing:
> How could i rotate the xtickname 90 degrees? I mean in vertical orientation?
> Cheers,
> Dave,

Then I think you have to position the labels yourself...

```
xtickname=['19-Apr','03-May','11-May']
y=[35,32,23]
n=n_elements(y)
x=indgen(n)
plot,x,y,xticks=n-1,xtickname=replicate(' ',n),position=[.15,.2,.9,.9]
xyouts,x,x*0,xtickname+" ",orientation=90,alignment=1
```

If you want better quality graphics (but still the old way), you can try

```
gmw=obj_new("gmwindow")
xtickname=['19-Apr','03-May','11-May']
y=[35,32,23]
n=n_elements(y)
x=indgen(n)
gmw->plot,x,y,xticks=n-1,xtickname=replicate(' ',n),position=[.15,.2,.9,.9]
gmw->xyouts,x,x*0,xtickname+" ",orientation=90,alignment=1
```

required routines are here: http://hrscview.fu-berlin.de/mex4/software/idl/gmwindow/

cheers,
Greg