
Subject: cgbarmplot - barnames

Posted by [gunvicsin11](#) on Sat, 21 Sep 2013 08:12:22 GMT

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Hello everyone,

I am barplot, But I need only barnames at few locations in the xaxis. Because my barnames are in years and they are 23. So overlap is happening if I give all the barnames. So I need to name few bars.

Please let me know how to do this.

thanking you in advance

sid

Subject: Re: cgbarmplot - barnames

Posted by [David Fanning](#) on Sat, 21 Sep 2013 13:53:26 GMT

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sid writes:

> I am barplot, But I need only barnames at few locations in the xaxis. Because my barnames are in years and they are 23. So overlap is happening if I give all the barnames. So I need to name few bars.

>

> Please let me know how to do this.

You can do something like this:

```
IDL> barnames = StrTrim(Indgen(23)+1995)
```

```
IDL> print, barnames
```

```
1995 1996 1997 1998 1999 2000 2001
2002 2003 2004 2005 2006 2007 2008
2009 2010 2011 2012 2013 2014 2015
2016 2017
```

```
IDL> blanks = Indgen(10)*2+1
```

```
IDL> barnames[blanks] = ""
```

```
IDL> print, barnames
```

```
1995 1997 1999 2001 2003 2005
2007 2009 2011 2013 2015 2016 2017
```

Cheers,

David

--

David Fanning, Ph.D.

Subject: Re: cgbarmplot - barnames
Posted by [gunvicsin11](#) on Sat, 21 Sep 2013 14:40:40 GMT
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On Saturday, September 21, 2013 7:23:26 PM UTC+5:30, David Fanning wrote:

> sid writes:

>

>

>

>> I am barplot, But I need only barnames at few locations in the xaxis. Because my barnames are in years and they are 23. So overlap is happening if I give all the barnames. So I need to name few bars.

>

>>

>

>> Please let me know how to do this.

>

>

>

> You can do something like this:

>

>

>

> IDL> barnames = StrTrim(Indgen(23)+1995)

>

> IDL> print, barnames

>

> 1995 1996 1997 1998 1999 2000 2001

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> 2002 2003 2004 2005 2006 2007 2008

>

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>

> 2016 2017

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> IDL> blanks = Indgen(10)*2+1

>

> IDL> barnames[blanks] = ""

>

> IDL> print, barnames

>

> 1995 1997 1999 2001 2003 2005

>

> 2007 2009 2011 2013 2015 2016 2017
>
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>
> Cheers,
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> David
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> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Respected sir,

But I get zeros in the plot wherever the blanks are there.
Please let me know how to get rid of this zeroes
thanking you
sid

Subject: Re: cgbarmplot - barnames

Posted by [David Fanning](#) on Sat, 21 Sep 2013 14:50:48 GMT

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sid writes:

> But I get zeros in the plot wherever the blanks are there.
> Please let me know how to get rid of this zeroes

Whoops! Instead of this:

```
barnames[blanks] = ""
```

Use this:

```
barnames[blanks] = " "
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: cgbarmplot - barnames

Posted by [gunvicsin11](#) on Sat, 21 Sep 2013 16:52:18 GMT

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On Saturday, September 21, 2013 8:20:48 PM UTC+5:30, David Fanning wrote:

> sid writes:

>

>

>

>> But I get zeros in the plot wherever the blanks are there.

>

>> Please let me know how to get rid of this zeroes

>

>

>

> Whoops! Instead of this:

>

>

>

> barnames[blanks] = ""

>

>

>

> Use this:

>

>

>

> barnames[blanks] = " "

>

>

>

> Cheers,

>

>

>

> David

>

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

Respected sir,

I tried this, but no change the same result with zeroes. could you please let me know of some other suggestion.

thanking you

sid

Subject: Re: cgbarmplot - barnames
Posted by [Phillip Bitzer](#) on Sat, 21 Sep 2013 17:07:37 GMT
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There are no zeros in the ticks when I execute:

```
barnames = StrTrim(Indgen(23)+1995, 2) ;slightly changed from David's snippet  
blanks = Indgen(11)*2+1 ;also slightly changed from David's snippet  
barnames[blanks] = " "  
cgbarmplot, findgen(23), barnames=barnames
```

Are you sure you're using the latest and greatest version of the Coyote library?

Subject: Re: cgbarmplot - barnames
Posted by [gunvicsin11](#) on Mon, 23 Sep 2013 03:44:29 GMT
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On Saturday, September 21, 2013 10:37:37 PM UTC+5:30, Phillip Bitzer wrote:

> There are no zeros in the ticks when I execute:
>
>
>
> barnames = StrTrim(Indgen(23)+1995, 2) ;slightly changed from David's snippet
>
> blanks = Indgen(11)*2+1 ;also slightly changed from David's snippet
>
> barnames[blanks] = " "

```
>  
> cgbarplot, findgen(23), barnames=barnames  
>  
>  
>  
> Are you sure you're using the latest and greatest version of the Coyote library?
```

Respected sir,
It works fine.
thanking you
sid
