Subject: cgbarplot - 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: cgbarplot - 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: cgbarplot - 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
                                                  2001
                                   1999
                                           2000
>
>
            2003
                   2004
                                   2006
                                          2007
    2002
                           2005
                                                  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.
  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 whereever the blanks are there.
Please let me know how to get rid of this zeroes
thanking you
sid
```

Subject: Re: cgbarplot - 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 whereever 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: cgbarplot - 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 whereever 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: cgbarplot - 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] = " " cgbarplot, findgen(23), barnames=barnames
```

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

```
Subject: Re: cgbarplot - 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] = " "
```