
Subject: Re: Plot bug or another "strange feature" ?
Posted by [Paul van Delst](#) on Tue, 16 May 2000 07:00:00 GMT
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Nicolas Decoster wrote:

```
>
> David Fanning wrote:
>>
>> Nicolas Decoster (Nicolas.Decoster@Noveltis.fr) writes:
>>
>>> Does anybody notice and, eventually, know how to handle this "strange
>>> feature" of the plot procedure ?
>>>
>>> IDL> s = indgen(1000) + 10000000000
>>> IDL> plot, s, /yzero
>>>
>>> The plot is not a clean line joining down-left and up-right corners, but
>>> an ugly stairway...
>>>
>>> Perhaps I missed the holy keyword...
>>
>> No, I think you are just applying analog thinking to
>> a digital solution. :-)
>>
>> Cheers,
>>
>> David
>>
>> P.S. Perhaps a scaling factor to "spread" these
>> values out some. :-)
>>
>
> A solution to get the "beautifull" line is just:
>
> IDL> plot, s-min(s), /yzero
>
> But doing so the y axis labels are wrong.
```

No they're not. I tried your example and all is as expected. A straight line whose y-values go from 0-999 (y axis labels got from 0-1000 as one would hope).

```
> And I thought IDL was clever enough to handle this properly.
> In fact this is my main error: I'm excepting too much from IDL. :-)
```

Sounds more like you don't expect enough. Still, given the number of your posts over the last couple of weeks berating IDLs "feature", I salute your stick-to-it-ness. :o)

paulv

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