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Subject: Re: Orientation of 2-d plot  
Posted by [Phillip Bitzer](#) on Sat, 21 Jan 2017 16:12:31 GMT  
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On Friday, January 20, 2017 at 12:09:18 PM UTC-6, wlandsman wrote:  
> On Friday, January 20, 2017 at 10:24:54 AM UTC-5, Phillip Bitzer wrote:  
>> On Thursday, January 19, 2017 at 7:17:54 PM UTC-6, Phillip Reid wrote:  
>>> Hello,  
>>> I'm trying to make a plot that is oriented at 90degrees to another plot on the same page.  
>>> A command something like:  
>>>  
>>  
>> Just swap your variables:  
>> t= LINDGEN(50)-25  
>> x = t^2  
>>  
>> p = PLOT(t, x, LAYOUT=[2, 1, 1])  
>> p2 = PLOT(x, t, LAYOUT=[2, 1, 2], /CURRENT)  
>  
> This works for most plots but won't if you are using BARPLOT() or creating a filled histogram plot. David Fanning's CGHISTO PLOT for direct graphics has a /ROTATE keyword (with an example in his plot gallery <http://www.idlcoyote.com/gallery/>) to rotate a filled histogram. Internally his program has to use a lot of calls to PLOTS to emulate a rotated filled histogram.  
--Wayne

Good call Wayne. But, Barplot does have a horizontal property that rotates, i.e. produces horizontal bars, similar to David's cgHistoplot:

```
x = randomn(11, 1000)
h = HISTOGRAM(x, BINSIZE=0.1, LOCATIONS=loc)
bp = barplot(loc, h)
bp.horizontal = 1
```

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