
Subject: Re: Tick mark label with !P.Multi
Posted by [Jeremy Bailin](#) on Fri, 17 Jun 2011 17:14:45 GMT
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On Friday, June 17, 2011 11:43:58 AM UTC-4, Alexa wrote:

> Could you explain how you're defining on_bottom_line?

>

> On Jun 17, 10:59 am, Jeremy Bailin <astro...@gmail.com> wrote:

>> So only do it when you're on those plots... which in this case, is when nt is 18 or 19. Or more generally:

>>

>> on_bottom_line = (nt / !p.multi[1]) eq (!p.multi[2] - 1)

>> if on_bottom_line then format='(A1)' else format=''

>> plot,, xtickformat=format,

>>

>> -Jeremy.

If you have NX by NY panels, IDL starts at the top-left and goes right, and then down to the next line, etc. So the index "nt" in your for loop is related to the Xi, Yi panel by:

$$nt = Xi + NX * Yi$$

You want the ones where Yi is equal to NY-1. Since nt and NX are integers and Xi is always less than NX, you have $Yi = (nt / NX)$. So the code tests whether (nt / NX) is equal to NY-1.

-Jeremy.
