
Subject: plot position keyword

Posted by [Mark Quigley](#) on Tue, 07 Oct 2014 19:46:15 GMT

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I haven't found this in the documentation so I thought I'd post it here, my apologies is this is old news.

I have a routine that creates an array of position vectors, something like what is done with !p.multi=[0,2,2], with a few bells and whistles which don't matter here. For example:

```
pos = sub_multipos(2,3)
plot,findgen(10),pos = pos[*,NN] ;where NN is 0 to 5.
```

What I want to do to use the pos array if it exists, or the position defined by !p.multi if it doesn't.

It turns out that this works:

!p.multi=[0,2,2] at some point earlier....

```
pro something, arr,pos
```

```
;pos not defined
pos = n_elements(pos) eq 0 ? [!null,!null,!null,!null] : pos
plot,arr,pos=pos
```

arr is plotted where it should be according to !p.multi.
