
Subject: Re: Plotting one point per loop

Posted by [Craig Markwardt](#) on Wed, 08 Jul 2015 18:15:53 GMT

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On Wednesday, July 8, 2015 at 1:32:28 PM UTC-4, wdo...@oxy.edu wrote:

> *new user here!

>

> So I have a set of scans that make up one 'run', and I have a loop that calculates a certain value for each scan. I want to plot that value against the longitude of the scan, so that at the end I get a graph that plots the value vs. the longitude on one graph for all the scans in that run. If you need clarification let me know!

>

> I've got the variables figured out, but it doesn't want to let me plot a singular point on a graph, and then loop over it and plot more singular points on that same graph. I've tried just the plots command, with no luck.

>

> Thanks for the help!

```
;; Example longitude from 0 to 360, value from -100 to 100
```

```
PLOT, [0, 360], [-100,100], /nodata
```

```
for i = 0, Ndata-1 do begin
```

```
  ;; ... do whatever it takes to get your next point ...
```

```
  lon_i = ...blah blah blah...
```

```
  val_i = ...blah blah blah...
```

```
  OPLOT, [lon_i], [lat_i], psym=1
```

```
endfor
```

Done!
