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Subject: Re: How to display single orbits of satellite data in function graphics?

Posted by [Mark Piper](#) on Tue, 30 Apr 2013 18:17:00 GMT

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On Tuesday, April 30, 2013 10:56:08 AM UTC-6, David Fanning wrote:

>

> My first thought would have been to try to plot all points at once, with

> a single Plot() command, without the loop. Did you try that?

>

As David suggests, vectorization is the IDL Way! Here's an example:

```
IDL> x = randomu(1, n)*360
```

```
IDL> y = randomu(2, n)*180 - 90
```

```
IDL> z = floor(randomu(3, n)*256)
```

```
IDL> tic
```

```
IDL> p = plot(x, y, rgb_table=27, vert_colors=z, linestyle='none', symbol='+')
```

```
IDL> toc
```

```
% Time elapsed: 0.54600000 seconds.
```

mp

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