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

Posted by [Phillip Bitzer](#) on Thu, 02 May 2013 19:26:12 GMT

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Just for kicks and giggles, here's another data point:

```
IDL> print, !VERSION
```

```
{ x86_64 darwin unix Mac OS X 8.2.2 Jan 23 2013    64    64}
```

```
n = 793647L
```

```
lon = RANDOMU(seed,n)*360
```

```
lat = RANDOMU(seed,n)*180
```

```
cgLoadCT, 39
```

```
cgDisplay
```

```
circle = cgSymCat(3)
```

```
black = cgColor('black')
```

```
white = cgColor('white')
```

```
tic
```

```
PLOT, lon,lat, PSYM=circle, SYMSIZE=0.2, color=black, background=white
```

```
toc
```

```
% Time elapsed: 1.0270369 seconds.
```

```
n = 793647
```

```
lon = RANDOMU(seed,n)*360
```

```
lat = RANDOMU(seed,n)*180
```

```
tic
```

```
cgLoadCT, 39
```

```
cgWINDOW
```

```
circle = cgSymCat(3)
```

```
black = cgColor('black')
```

```
white = cgColor('white')
```

```
cgPLOT, lon,lat, PSYM=circle, SYMSIZE=0.2, /ADD, color=black, background=white
```

```
cgcontrol, output='test.png'
```

```
toc
```

```
% Time elapsed: 15.803132 seconds.
```
