
Subject: Re: Plotting functions in IDL

Posted by [Liam Gumley](#) on Wed, 17 Jan 1996 08:00:00 GMT

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kunstman@pu.informatik.th-darmstadt.de (Thomas Kunstmann) wrote:

> What is the best way of plotting a function in IDL? As far as I know,
> it only handles vectors of discrete data and no equations.

How about the following to plot $\sin(x)$ over 0 to 2π radians:

```
xmin = 0.0
xmax = 2.0 * !pi
n = 1000
x = ( findgen( n ) / float( n - 1 ) ) * ( xmax - xmin ) + xmin
plot, x, sin(x)
```

Use as many points (n) as you like to make a smooth curve.

Cheers,
Liam.
