Subject: Re: Create smooth lines in IDL
Posted by ben.bighair on Mon, 23 Nov 2009 01:36:07 GMT

On Nov 22, 2:39 pm, "chenb...@gmail.com" <chenb...@gmail.com> wrote:
> Hello everyone,
>
>   Does anyone have a routine in IDL to create smooth line using given
> vertexes?
>
>   Have a nice weekend!
>
> Bo

Hi,

Take a peek at the built-in SPLINE function.

You can see an example (copied below) in the docs, but adding plot
seals the deal.
X = [2.,3.,4.]
Y = (X-3)^2
T = FINDGEN(20)/10.+2
Z = SPLINE(X,Y,T)
PLOT, X,Y
PLOTS, T,Z, PSYM = -6

Cheers,
Ben