Subject: Re: Surface plotting some details
Posted by rhyme2ri2 on Fri, 15 Feb 2008 11:29:57 GMT
View Forum Message <> Reply to Message

On Feb 12, 10:39 pm, rhyme2ri2 <rhyme2...@gmail.com> wrote:
> Hello all,
>
> I'm want to plot asurfacewhose data varies in following manner
> x: 7 columns and 133 rows of type(time)
>   11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000
>   11.083 11.083 11.083 11.083 11.083 11.083 11.083
> ....
> y: 7 columns and 133 rows of type(regions)
>   0 1 2 3 4 5 6
>   0 1 2 3 4 5 6
> z: 7 columns and 133 rows of type(data values)
>   3515.3 2123.5 1231.2 1231.3 4512.1 2345.4 12345.5
> .....
>
> Now by default idl divides my x and y range in 51,51 pts... What i
> want is that my x-axis should show the scale from 10 to 22 as i have
> data values for this interval. Moreover when i try to set the range it
> changes the range to 10 to 22 but thesurfaceis plotted as before or
> its expanded...
> And many a times my data values r available for small time intervals
> like 12 to 16 UT ..even then it plots thesurfacein the whole
> plot...Is there a possible way to show the range as 10 to 22 but to
> plot thesurfacein only the region where the data values are
> available???
>
> Can someone out there please help me out eith this? As such m too new
> to idl.....tell me if i need to shed some more light on the issue...
>
> Thanks & regards
> -Ritu

Yup....Gotcha...........

I inserted some zeroes and figured it out.
But it's surprising that such a uitlity like surface does not provide
the faicility to specify x and y max and min values!!!!!