
Subject: Re: IDL QUESTIONS (INTERPOLATION)

Posted by [zolile mtumela](#) on Tue, 22 Nov 2011 07:12:07 GMT

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On Nov 22, 8:37 am, zolile mtumela <zolilemtum...@gmail.com> wrote:

> On Nov 21, 10:34 pm, zolile mtumela <zolilemtum...@gmail.com> wrote:

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>> On Nov 21, 10:15 pm, David Fanning <n...@dfanning.com> wrote:

>

>>> zolile mtumela writes:

>>>> Thank so much David, for time axis it looks ok.

>>>> I am bit confused why at the y-axis(velocity), my program plot big

>>>> values which are not in the data. I got big values like(500)

>>>> After interpolation, Is it necessary to resample data? Are any better

>>>> way to use interpolation in this kind of data.

>

>>> I don't know. There were big values in the data you

>>> sent us. I don't think it is necessary to resample

>>> the data. It seems to track the real data exactly. :-)

>

>>>> Thank so much for ur tireless support and help.

>

>>> Yes, I was just having lunch with one of my

>>> sons, encouraging him to not follow in his

>>> father's footsteps. Rather, to find a job

>>> that he loves that actually pays a living

>>> wage. :-)

>

>>> --

>>> David Fanning, Ph.D.

>>> Fanning Software Consulting, Inc.

>>> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>

>>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

>

>> Thank very much David

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>> - Show quoted text -

>

> The original data(fit format) of this data have plotted a plot with

> gaps, I wrote that data to ascii format.

> I thought I will get similar plot but with gaps and fill those gaps

> using interpolation function.

> Any help will be highly appreciated.

> Thanks
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> - Show quoted text -

Actually the data suppose to take two hrs thats is 7200 seconds: From original data in fit format, It shows me the start-end time(2478520-2478906), in this two hrs data, sometimes there are nodata, thats why i got few data in other data of ascii data.

I would like to plot 2 hr data even if I did get data, I think interpolation function is ok.

1.Could I resample data to fill gaps

2.How to accomodate the 2 hours in all plots even if I got few data

Thank you

Zolile
