Subject: Re: resampling on irregular grid
Posted by Thibault Garel on Fri, 08 Jun 2012 04:38:11 GMT
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Hi,

Thanks. Actually it is not an interpolation, as INTERPOL does it, that
I want. It is really a resampling of my data on another grid. I need
to conserve total(data).
I agree my previous comment with f(x1,y1), etc, could have been
misleading, sorry.

I can achieve this with histogram functions for instance but it is not
quite efficient...

Cheers

> It sound like you just need to interpolate, e.g.
>
> IDL> d2 = interpol(d1,x1,x2)
>
> where x1,d1 are the input function points, and x2 is the output abscissa
>
>
>
>
>
>
>
> On Thursday, June 7, 2012 10:16:08 PM UTC-4, bing999 wrote:
>> Thanks Fab.
>
>> I tried GRIDDATA, but it works only for interpolation of surfaces,
>> i.e. it recomputes f(x,y) from (x1,y1) coordinates to (x2,y2)
>> coordinates. What I need is resampling a 1D array of data values,
>> initially binned on a x1 values, to x2 values. (with both x1 and x2
>> being two different irregular grids).
>
>> Cheers
>
>>> Hi,
>
>>> Try GRIDDATA.
>
>>> Cheers,
>
>>> Fab