Subject: Re: resampling on irregular grid Posted by Fabzi on Thu, 07 Jun 2012 10:53:04 GMT View Forum Message <> Reply to Message

On 06/07/2012 04:25 AM, bing999 wrote: > Hi, >
<ul><li>I would like to resample an array A, from an irregular grid to another</li><li>one .</li></ul>
<ul> <li>The 1st column A[0,*] (= the x-axis) is irregularly binned, and the</li> <li>2nd column A[1,*] contains the corresponding y-axis values.</li> <li>I just want to resample the 2nd column A[1,*] according to another x-axis irregular grid, with P elements instead of N.</li> </ul>
<ul> <li>This operation doesn't look quite complicated to perform, but I was</li> <li>wondering if there exists an optimized IDL function doing this.</li> <li>(especially because I have to deal with large arrays and I want the</li> <li>operation to be efficient). REBIN and CONGRID seem to work only on</li> <li>regular arrays</li> <li>Any idea?</li> <li>Thanks!</li> </ul>
Hi,
Try GRIDDATA.
Cheers,
Fab