Subject: Re: irregular-to-irregular interpolation
Posted by Gray on Thu, 12 May 2011 16:46:58 GMT
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On May 12, 11:01 am, Jeremy Bailin <astroco...@gmail.com> wrote:
> This is one of those this-must-exist-but-I-can't-find-it cases:
>
> I have a quantity which is sampled irregularly over a 2D region. I would like to interpolate its value at a number of irregularly-spaced locations. I've only been able to find functions that go to and from regular grids - so I could go from the irregularly-sampled grid to a regular grid, and then from the regular grid to the irregularly-spaced interpolation points, but that seems silly. Is there something that already exists that goes directly from irregularly-sampled data to irregularly-spaced interpolation points?
>
> -Jeremy.

You should be able to use INTERPOLATE, with your x and y vectors being
your irregular points.