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Subject: GridData Conundrum

Posted by [David Fanning](#) on Sat, 17 Apr 2010 17:19:45 GMT

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Folks,

I have long thought that the IDL gridding routine, GridData, to be one of IDL's most powerful and useful routines. Perhaps taking its place among the likes of Histogram and Value\_Locate. Well, it *would* be powerful and useful if I could ever get the damn thing to work. But, alas, I never have been able to accomplish this simple feat.

I've decided to come clean about my abysmal failure and ask for your help.

I ran into the perfect test case this week. A simple nearest neighbor gridding problem that I know how to solve in two completely independent ways, each producing identical results. I *know* what I am doing here and I am *supremely* confident in the results. "And," I thought, "it is so simple, I could do this in GridData!"

Not. :-(

I've explained the problem and put some data here on my web page:

[http://www.dfanning.com/code\\_tips/usegriddata.html](http://www.dfanning.com/code_tips/usegriddata.html)

I would be *extremely* grateful to anyone who can take me by the hand and lead me to the promised land.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

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