
Subject: Re: GridData Conundrum

Posted by [David Fanning](#) on Wed, 21 Apr 2010 19:23:51 GMT

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David Fanning writes:

- > Just one more surprise to report. If I use the GridData
- > Natural Neighbor method (instead of the Nearest Neighbor
- > method), the result is indistinguishable from the Contour
- > method!
- >
- > I've updated my web page to report the new results:
- >
- > http://www.dfanning.com/code_tips/usegriddata.html

Having GridData working is like living in the land of milk and honey. But there is one disturbing fact that lurks like a snake in the garden. I get different results from GridData depending upon what machine I run the identical code on. :-(

In particular, the Modified Shepard's algorithm blows up (no other way to describe it) on my Windows 64-bit machine, while it seems to work reasonably well on my 32-bit LINUX machine.

Can anyone think of any reasonable explanation for this?
I show some results at the end of this article:

http://www.dfanning.com/code_tips/usegriddata.html

Cheers,

David

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

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