
Subject: Re: Display and Navigate Image in IDL 8.2
Posted by [David Fanning](#) on Mon, 10 Sep 2012 21:44:44 GMT
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I wrote earlier today:

- > I learned today, with some help from the folks at ExcelisVIS,
- > how to add a box axis to the image.
- >
- > The secret is to NOT use the LIMIT and BOX_AXES
- > keywords when you create the map projection, since
- > this results in a blank window. (I don't know why
- > I didn't think of this!)
- >
- > Rather, you should set the LIMIT and BOX_AXES
- > properties on your map projection sometime after
- > you display the image and sometime before you
- > throw the goddamn computer out the window.

As I was writing this up for my article on the topic
I noticed that setting the LIMIT like this after the
fact will blur the image substantially. I think this
is because the image will be warped into the map
projection space, which is the thing I am trying
desperately to avoid. :-(

You can see this by comparing the Coyote Graphics
version of this plot with the Function Graphics
version in this article:

http://www.idlcoyote.com/ng_tips/mapnogrid.php

Or, you can run the code in this example and compare
the two results:

http://www.idlcoyote.com/tip_examples/mapnogrid.pro

Cheers,

David

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