David Fanning writes:

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> David B writes:
>
>> My question is:
>>
>> Does this seem a reasonable solution? Or am I being very stupid? I can understand what the
ROI is doing, but a little unsure exactly what the issue is?
>
> The ROI code has a left-bottom bias. That is, it treats the lower-left
> corner of a pixel as the [0,0] location of the pixel. This is sort of
> standard IDL behavior. But, you don't have to add *anything* to the
> roibox in your code. All you really have to do is make sure the code
> uses the center of the pixel for doing its calculations. You do this by
> making the PIXEL_CENTER=[0.5, 0.5].
>
> Here is slightly better code that will allow you to see what is
> happening a bit easier.
>
>   http://www.idlcoyote.com/misc/box_test.pro
>

Whoops! I was wrong about that. (I shouldn't use main-level programs for
testing purposes. Something I know well, yet often seem to ignore!)
Clearly, something screwy is going on here. Someone else will have to
explain it to us. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")