Subject: Re: IDL ROI Objects
Posted by David Fanning on Tue, 27 Jan 2015 18:53:13 GMT

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

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")