
Subject: IDLanROI:Computemask , bug or featur???

Posted by [Weihua FANG](#) on Sun, 04 Mar 2007 02:37:21 GMT

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hi, all,

when testing the ComputeMask method of IDLanROI, something odd happened. i.e.t, the value of Location can change the behaviour of the method, with unexpected output. note the only difference between the test1.pro and test2.pro is location value, but the output of test2 is weird.

when data_array is more complex polygon, things could be really messy.

Any thoughts?

pro test1

```
data_array = fltarr(2,3)
data_array[*,0] = [201, 1]
data_array[*,1] = [ 1, 201]
data_array[*,2] = [201, 500]
oROI = OBJ_NEW( 'IDLanROI')

oROI -> SetProperty, data = data_array [0:1, *]
mask_tmp = oROI->ComputeMask(Dimensions = [200,500], $
    Location = [ 0,200], $
    PIXEL_CENTER = [0.5,0.5])
tvsc1, mask_tmp
OBJ_DESTROY, oROI
```

end

pro test2

```
data_array = fltarr(2,3)
data_array[*,0] = [201, 1]
data_array[*,1] = [ 1, 201]
data_array[*,2] = [201, 500]
oROI = OBJ_NEW( 'IDLanROI')

oROI -> SetProperty, data = data_array [0:1, *]
mask_tmp = oROI->ComputeMask(Dimensions = [200,500], $
    Location = [ 0,201], $
    PIXEL_CENTER = [0.5,0.5])
tvsc1, mask_tmp
```

OBJ_DESTROY, oROI

end
