
Subject: Re: How to define resolution (not dimension!) for IDLanRoi->computeMask
Posted by [David Fanning](#) on Mon, 09 Feb 2009 15:11:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

justspam03@yahoo.de writes:

> eieieiei - I was afraid I'd need to do something like this :-(
> Well, I guess I'll have my own overloaded computeMask... I anyway
> subclass from IDLanRoi.

Well, somehow you have to get from a data coordinate system into a pixel coordinate system. There are probably other ways to do it. I showed you what I do in direct graphics. There are certainly comparable methods in object graphics, but I don't know what they are. :-)

I suppose you could use the old Scale_Vector/Value_Locate trick to find the device values of your ROI:

```
s = Size(image)
xvec = Scale_Vector(Findgen(s[0], 1, 5)
yvec = Scale_Vector(Findgen(s[1], 1, 5)
xdevice = Value_Locate(xvec, x)
ydevice = Value_Locate(yvec, y)
indices = PolyFillv(xdevice, ydevice, s[0], s[1])
```

I haven't tested that, but it should work. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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