
Subject: Re: CURSOR skips a few beats :-(
Posted by [penteado](#) on Fri, 29 Jan 2010 01:57:02 GMT
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On Jan 28, 8:38 pm, Gianguido Cianci <gianguido.cia...@gmail.com>
wrote:

> Right, you can join the dots... so when IDL plots the line between the
> dots, it calculates which pixels need to turn white. How do I get the
> coords of all those pixels?

You can do it with an ROI:

```
;make up some x,y pixel coordinates
dims=[200,200]
x=randomu(seed,10)*dims[0] & x=x[sort(x)] & x=[x,reverse(x)]
y=(1d0+([randomu(seed,10),-randomu(seed,10)])*dims[1])/2
;take look at the points
iplot,x,y
;define an ROI with those vertices
oroi=obj_new('idlroi',x,y)
;get the pixels that lie on the boundary
bound=oroi->computemask(dimensions=dims,mask_rule=0)
;take a look at the result
iimage,bound
;get the coordinates of the boundary pixels
w=where(bound eq 255B)
xy_bound=array_indices(bound,w)
```
