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Subject: Re: choosing points along an image row with mouse  
Posted by [Paul van Delst](#) on Tue, 26 Jun 2001 22:28:43 GMT  
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Kim Nielsen wrote:

>  
> Hi,  
>  
> I would like to know if there is a way to get the mouse to only move  
> along a row (or column). I have an image and need to pick two points  
> along the same row. Is there a way to get the mouse only to move along  
> a row ?

why do you want to get the mouse to only to move along a row when what you \*really\* want is to pick two points along the same row? :o)

After you have selected row(or column) "mode" in your program (widget button or function keyword?), the first mouse button click can retrieve the image value at that position, as well as save the current row(or column) image pixel value, say ysave(or xsave). The next mouse click at (x,y) will then cause your program to read the image at position (x, ysave) in row mode or (xsave, y) in column mode. A neat thing would be to turn on a horizontal(or vertical) bar the width(or height) of your image after the first mouse click that then moves vertically(or horizontally) as you move the mouse.

I think that this would work (or not :o) with the (gasp!) cursor command too but, despite the code outlay, a widget approach would be cleaner (and easier too I reckon but YMMV).

paulv

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Paul van Delst           A little learning is a dangerous thing;  
CIMSS @ NOAA/NCEP       Drink deep, or taste not the Pierian spring;  
Ph: (301)763-8000 x7274   There shallow draughts intoxicate the brain,  
Fax:(301)763-8545       And drinking largely sobers us again.  
                          Alexander Pope.

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