
Subject: Re: extracting pixel coordinates

Posted by [natha](#) on Mon, 12 Jun 2017 12:19:48 GMT

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On Monday, June 12, 2017 at 7:10:47 AM UTC-4, sid wrote:

> Hi all,
> I have a 1000 by 1000 pixel array, I need to extract a 1D column
> whose start point is (401,642)
> and end point is (411,750)
> anybody have some idea on this.
> thanks

I am not sure what do you want. If you want to select the values from the start point to the end point (straight line) you could try this:

```
xsel=[401:642]  
ysel=[411:750]
```

The problem here is that the selection on X does not have the same number of elements as Y, you should therefore interpolate:

```
xsel=congrid(xsel,n_elements(ySEL),/int,/center,/minus_one)
```

And the result would be:

```
result=you_array(xsel,ySEL)
```
