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Subject: defroi

Posted by [gunvicsin11](#) on Tue, 09 May 2017 10:48:58 GMT

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Hi all,

I am using defroi to select a region of interest.

```
x=defroi(700,700)
```

x is the subscripts of the pixels inside the region.

I want to make all the values inside the region =1 and rest of the region to be zero.

How to do that.

thanks

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Subject: Re: defroi

Posted by [Nikola](#) on Tue, 09 May 2017 12:04:05 GMT

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On Tuesday, May 9, 2017 at 11:49:00 AM UTC+1, sid wrote:

> Hi all,

> I am using defroi to select a region of interest.

>

> x=defroi(700,700)

> x is the subscripts of the pixels inside the region.

> I want to make all the values inside the region =1 and rest of the region to be zero.

> How to do that.

> thanks

So, I guess you did something like:

```
window, xsi = 700, ysi = 700
```

```
tvimage, bytscl(image)
```

```
x = defroi(700, 700)
```

Then made a map:

```
map = image *0
```

And fill with 1's only the selected pixels

```
map[x] = 1
```

I really don't want to sound pretentious, but if you plan to work further in IDL, it may help you a lot to read the IDL documentation on the array operations and manipulation. There is many excellent tutorials on-line.

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