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Subject: Re: IDL5.5 XROI problem...

Posted by [Rick Towler](#) on Fri, 12 Apr 2002 23:02:22 GMT

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Hi Qi,

I have never used XROI but I just tried your test program with an 8 bit .png file and it worked fine, returning multiple structures in Stat1 as well as Geo1.

IDL> test1

```
{ 15609.0 134.500 244.500 0.000000 500.000}
{ 12032.0 110.000 91.0000 0.000000 444.000}
{ 15860 0.000000 255.000 166.542 72.6517}
{ 12255 0.000000 255.000 186.480 62.4564}
```

So either it is something specific to NT4 SP6 or it might be your data?

-Rick

"Qi Peng" <[qi\\_p@hotmail.com](mailto:qi_p@hotmail.com)> wrote in message  
news:1a803a60.0204111838.2c513909@posting.google.com...

> Hi,

>

> My name is Qi(Chee), This is my first time posting here. I have a very  
> strange problem when I use IDL XROI program. I wrote a short program  
> as follows:

>

> pro test1

> image =READ\_DICOM('E:\EllingtonK\46.dcm');whatever image

> XROI, image, \$

> r,g,b,REGIONS\_IN=region1,\$

> REGIONS\_OUT=region2, ROI\_SELECT\_COLOR=roi\_select\_color,\$

> ROI\_COLOR=roi\_color, REJECTED=rejected, ROI\_GEOMETRY=Geo1, \$

> STATISTICS=Stat1,/BLOCK

> OBJ\_DESTROY, rejected

> print, Geo1

> print,Stat1

> end

>

> When I run the program it will stop when the XROI interface appears.

> Then I draw a ROI and close the program. Everything is fine. But if I

> draw more than one ROIs IDL will corrupt.

>

> The error message says: the instruction at &#8220;0x04fe5317&#8221;

> referenced memory at &#8220;0x01bff25c&#8221;. The memory could not be

> read;.  
>  
> If I delete "STATISTICS=Stat1" and leave "ROI\_GEOMETRY=Geo1" there and  
> run the program again, it will be always OK. So it means that  
> "STATISTICS" function of XROI can't take more than one ROI but  
> ROI\_GEOMETRY can. I do not know if it is the same case for anybody  
> else, or it is because of my IDL. I am using IDL5.5 on Windows NT4.0  
> Sp6.  
>  
> Thanks a lot for your help.

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