Subject: Re: Error when running ICONTOUR
Posted by David Fanning on Tue, 09 Dec 2003 14:41:13 GMT

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Andry William Ratsimandresy writes:

> I have two questions for which I would appreciate any inputs:
> 1. I am learning how to use the new ICONTOUR for IDL. This is what I
> do:
> IDL> z= SHIFT(DIST(40),20, 20) & z= EXP(-(z/10)^2)
> IDL> ICONTOUR, z
>
> Before getting the figure, I get the following error in a pop-up
> window:
>
> A system erro was detected during tool creation
> The value of this error was:
> UNIQ: ARRAY must be an array.
>
> This error comes out every time I check the property or click on
> the figure.
> Has anyone gotten this error? I would appreciate any suggestion
> on how to correct the problem.

I don't get this error, nor would I expect to.
Have you tried exiting and restarting IDL? I
suspect something else is wrong.

> 2. I see that with ICONTOUR, one can control the C_LABEL_INTERVAL.
> Is it possible to do the same thing but with the "direct graph"
> not the "object" oriented one?

No, it is not possible. It *is* possible, however, to write
something much simpler than iContour which will give you
the kind of contouring you need. A good place to start,
for example, is with XContour, and old, but still serviceable,
program:

  http://www.dfanning.com/programs/xcontour.pro

And if you manage to give it a fresh look, let me know. :-)

Cheers,

David
--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Error when running ICONTOUR
Posted by David Fanning on Tue, 09 Dec 2003 14:56:44 GMT
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David Fanning writes:

> No, it is not possible. It *is* possible, however, to write
> something much simpler than iContour which will give you
> the kind of contouring you need. A good place to start,
> for example, is with XContour, and old, but still serviceable,
> program:
>
>   http://www.dfanning.com/programs/xcontour.pro
>
> And if you manage to give it a fresh look, let me know. :-)

On second thought, forget about this. My gosh, that
program is *ancient*. Maybe I'll spend some time on
it myself. :-(

Cheers,

David

--
David W. Fanning, Ph.D.
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Subject: Re: Error when running ICONTOUR
Posted by David Fanning on Tue, 09 Dec 2003 15:07:57 GMT
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Andry William Ratsimandresy writes:

> I have exited and restarted IDL but the error still gets
> there. Another thing is that at some stage, the ICONTOUR
> gets stuck and nothing in IDL works. In order to do anything
> I need to kill the IDL process and restart everything again.

Alright then. I think the problem lies in your graphics
card. Start IDL up again. Go to the Preferences->Graphics
tab in the IDLDE, and select "Software" rendering. Now
have a go. If this works correctly, you are going to
have to update your graphics driver.

Cheers,

David

--
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Subject: Re: Error when running ICONTOUR
Posted by Andry William Ratsima[1] on Tue, 09 Dec 2003 16:53:16 GMT
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Hi again,

>> A system erro was detected during tool creation
>> The value of this error was:
>> UNIQ: ARRAY must be an array.
>>
> I don't get this error, nor would I expect to.
> Have you tried exiting and restarting IDL? I
> suspect something else is wrong.

By the way, I forgot to say that I am using IDL 6.0 on a
Red Hat 8.0 linux with 128 Mb of RAM (a 650 MHz CPU). I
don't know if this has to do with the error but in case
it can help trace the origin of the error.

I have exited and restarted IDL but the error still gets
there. Another thing is that at some stage, the ICONTOUR
gets stuck and nothing in IDL works. In order to do anything
I need to kill the IDL process and restart everything again.
>
> A good place to start,
> for example, is with XContour, and old, but still serviceable,
> program:
>
>   http://www.dfanning.com/programs/xcontour.pro

>
> And if you manage to give it a fresh look, let me know. :-)

Sure I will.

Thanks again.

Andry

Subject: Re: Error when running ICONTOUR
Posted by Andry William Ratsima[1] on Tue, 09 Dec 2003 17:28:07 GMT
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> Alright then. I think the problem lies in your graphics
> card. Start IDL up again. Go to the Preferences->Graphics
> tab in the IDLDE, and select "Software" rendering. Now
> have a go. If this works correctly, you are going to
> have to update your graphics driver.

After changing the "Graphics attributes" to "Software rendering",
I have run again the simple ICONTOUR example. This does not seem
to correct the problem since the window error still pop-ups.

I will keep investigating and see.

Other suggestions are welcome.

Thanks,

Andry