Subject: Re: Temp variables are checked out
Posted by David Fanning on Fri, 14 Jan 2011 14:36:36 GMT
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Gray writes:

> Maybe they should get a hotel... I've read the Tip on dfanning.com,
> but this one came up from the NG IMAGE() function... you would think
> that ITTVIS would have debugged their own code for this. Oh well.

I'm sympathetic. My own graphics routines are tens of orders
of magnitude simpler than the NG functions, and yet I groan
inwardly whenever I hear about a new problem. When things
get this complex, "fixing" a problem is only the start of
your woes.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Temp variables are checked out
Posted by Gray on Fri, 14 Jan 2011 14:38:01 GMT
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On Jan 14, 9:36 am, David Fanning <n...@dfanning.com> wrote:
> Gray writes:
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I take my criticism back... for some reason I'm getting the warning
from EVERY statement on the command line:

IDL> f1a = shift(abs(fft(psf1)),5,5)
% Temporary variables are still checked out - cleaning up...

What??

Subject: Re: Temp variables are checked out
Posted by David Fanning on Fri, 14 Jan 2011 14:40:29 GMT
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Gray writes:

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> IDL> f1a = shift(abs(fft(psf1)),5,5)
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Oh, well, that's just shoddy quality control! ;-)

Cheers,

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--
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Subject: Re: Temp variables are checked out
Posted by Gray on Fri, 14 Jan 2011 15:18:58 GMT
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On Jan 14, 9:40 am, David Fanning <n...@dfanning.com> wrote:
> Gray writes:
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>> from EVERY statement on the command line:
>
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> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

OK, so this is the statement that's causing the problem. After my program executes this statement, everything I do causes the "checked out" warning.

kern = shift(abs(fft(f2/(f1>1.e-10),/inverse,/center)),5,5)

IDL> print, 1
1
% Temporary variables are still checked out - cleaning up...

Any suggestions??

Subject: Re: Temp variables are checked out
Posted by Gray on Fri, 14 Jan 2011 15:34:20 GMT
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On Jan 14, 10:18 am, Gray <graylikethec...@gmail.com> wrote:
> On Jan 14, 9:40 am, David Fanning <n...@dfanning.com> wrote:
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>
> Any suggestions??

and if I take out the /center keyword to FFT, it goes away. A
miracle! What?

Subject: Re: Temp variables are checked out
Posted by Michael Galloy on Fri, 14 Jan 2011 17:10:18 GMT
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On 1/14/11 8:34 AM, Gray wrote:
> On Jan 14, 10:18 am, Gray<grayliketheco...@gmail.com> wrote:
>> On Jan 14, 9:40 am, David Fanning<n...@dfanning.com> wrote:
>>
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>> 1
>> % Temporary variables are still checked out - cleaning up...
>>
>> Any suggestions??
>
> and if I take out the /center keyword to FFT, it goes away. A
> miracle! What?

I would say that this is strong evidence that the newish implementation
of the CENTER keyword does something odd with memory: writing beyond its
bounds, leaking memory, etc. I would file this with ITT VIS support.

Mike

--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation