Subject: Re: Core dump when using NCOMPLEMENT keyword
Posted by Jeff Guerber on Fri, 05 Apr 2002 21:08:13 GMT

Aleksandar,

   Yes, I've noticed this too, in both 5.4 and 5.5 on HP-UX 11 (!version = {hp_pa hp-ux unix hp-ux 5.5 Aug 28 2001 32 64}). I had been meaning to report it if it hadn't been fixed in 5.5, but never quite got around to doing so.

Jeff Guerber

On Fri, 5 Apr 2002, Aleksandar Jelenak wrote:

> Dear All:
>
> IDL reports segmentation fault whenever I invoke the WHERE function
> with the Ncomplement keyword but without the Complement keyword.
>
> Example:
>
> x = indgen(10)
> i = where(x gt 4, count, complement=j, ncomplement=k) ; OK
> i = where(x gt 4, complement=j, ncomplement=k) ; OK
> i = where(x gt 4, count, ncomplement=k) ; core dump
> i = where(x gt 4, ncomplement=k) ; core dump
>
> Release Notes do not mention this. Neither I could find any info on
> the RSI website. It looks like a bug to me. Can anyone else confirm
> this?
>
> I am using IDL 5.4 on a Red Hat Linux 7.1 computer.
>
>   Aleksandar

Subject: Re: Core dump when using NCOMPLEMENT keyword
Posted by Ed Wright on Fri, 05 Apr 2002 21:10:53 GMT

in article 3CAE0E8E.D59765C6@noaa.gov, Aleksandar Jelenak at Aleksandar.Jelenak@noaa.gov wrote on 4/5/02 12:52 PM:

> Dear All:
>
> IDL reports segmentation fault whenever I invoke the WHERE function
> with the Ncomplement keyword but without the Complement keyword.

...

>
> Aleksandar

The instructions:

```
x = indgen(10)
i = where(x gt 4, ncomplement=k)
```

cause a core dump for me as well. IDL 5.5 on Solaris.

As always,
Ed Wright

Subject: Re: Core dump when using NCOMPLEMENT keyword
Posted by David Fanning on Fri, 05 Apr 2002 21:13:11 GMT

Aleksandar Jelenak (Aleksandar.Jelenak@noaa.gov) writes:

> IDL reports segmentation fault whenever I invoke the WHERE function
> with the Ncomplement keyword but without the Complement keyword.
>
> Example:
>
> x = indgen(10)
> i = where(x gt 4, count, complement=j, ncomplement=k) ; OK
> i = where(x gt 4, complement=j, ncomplement=k) ; OK
> i = where(x gt 4, count, ncomplement=k) ; core dump
> i = where(x gt 4, ncomplement=k) ; core dump
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> Release Notes do not mention this. Neither I could find any info on
> the RSI website. It looks like a bug to me. Can anyone else confirm
> this?
>
> I am using IDL 5.4 on a Red Hat Linux 7.1 computer.

It is a bug. Here is an article:

  http://www.dfanning.com/idl5_info/ncomplement.html

Cheers,

David

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