Hi

Here are the information about the system where convol bug:

```
IDL> print, !version
{ sparc sunos unix Solaris 6.0.3 Feb 26 2004     32     64}
IDL> help, !cpu, /struct
** Structure !CPU, 6 tags, length=24, data length=24:
   HW_VECTOR      LONG           0
   VECTOR_ENABLE  LONG            0
   HW_NCPU        LONG         3
   TPOOL_NTHREADS  LONG            3
   TPOOL_MIN_ELTS  LONG        100000
   TPOOL_MAX_ELTS  LONG            0
IDL>
```

On another system, same version, same operating system, but more memory
and only 2 CPUs, everything seems to be fine.

Chris Torrence wrote:
> Hi Emmanuel and Bob,
>
> Can you tell me your IDL version and platform? And also whether you have
> multiple CPUs on your machine? The following IDL commands should give this
> information:
>
> IDL> print,!version
> { x86 Win32 Windows Microsoft Windows 6.0 Jun 27 2003 32 64}
>
> IDL> help, !cpu, /struct
> ** Structure !CPU, 6 tags, length=24, data length=24:
> HW_VECTOR LONG 0
> VECTOR_ENABLE LONG 0
> HW_NCPU LONG 2
> TPOOL_NTHREADS LONG 2
> TPOOL_MIN_ELTS LONG 100000
> TPOOL_MAX_ELTS LONG 0
>
> I can't seem to reproduce your bug on my machine using IDL6.0. Do you have
> any other cases that fail?
>
> However, there was a known bug with CONVOL in IDL5.6 and IDL6.0, where it

> could produce incorrect results using multiple threads. This has been fixed
> for IDL6.1.
>
> -Chris Torrence
> Research Systems, Inc.
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