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Subject: Re: Random convolution ?

Posted by [Chris\[2\]](#) on Thu, 08 Jul 2004 22:30:20 GMT

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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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