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Subject: Re: randomn problem

Posted by [Ben Panter](#) on Mon, 12 Mar 2007 16:17:53 GMT

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Nigel Wade wrote:

- > Something also changed between IDL 6.1 and IDL 6.2:
- > Maybe the algorithm has been changed to one which propagates more round-off
- > error?

It would seem that it didn't get better in 6.3:

```
IDL> print, !version
```

```
{ x86 linux unix linux 6.3 Mar 23 2006    32    64}
```

```
IDL> print, stddev(randomn(seed, 1e8))
```

```
% Compiled module: STDDEV.
```

```
0.852648
```

```
IDL> print, stddev(randomn(seed, 1e8, /double) )
```

```
1.0000419
```

Ben

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Email false, <http://www.benpanter.co.uk>

or you could try ben at ~~~~~~

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