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Subject: Pi is Rotten?

Posted by [David Fanning](#) on Fri, 14 Mar 2014 13:17:51 GMT

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Folks,

Perhaps because today is Pi Day:

<http://bit.ly/1IDkQi4>

Andrew Cools alerts me to an IDL problem of utmost importance. I refer, of course, to an inexplicable problem with IDL's version of Pi:

```
IDL> print, !dpi, format='(f0.18)'  
3.1415926535897931
```

As everyone knows, the actual value of Pi is 3.1415926535897932. The last digit here is a "2", not a "1".

<http://bit.ly/1qCvycp>

Even ExelisVis itself realizes this, and puts the proper value in the new !Const system variable. What's up with this? Can we ever trust IDL again?

Cheers,

David

P.S. Let's just say I'm off to get a piece of apple with my morning Joe.

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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