
Subject: Re: JULDAY 5.4 not same as 5.3?
Posted by [pertti](#) on Fri, 02 Mar 2001 10:29:55 GMT
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Don Woodraska (don.woodraska@lasp.colorado.edu) wrote:
: I should have included this in the original post:
:
: IDL> print,!version
: { sparc sunos unix 5.4 Sep 25 2000 64 64}
:
: Thanks for your response Mark. I'll bet it must be a 64-bit-only bug.
: Can anyone else verify this bug on another 64-bit machine?

Mhhh...

```
IDL> umm=2l & udd=16l & uyear=2001l
IDL> uhr=0l & umin=0l & usec=0l
IDL> in_jday = julday( umm, udd, uyear, uhr, umin, usec )
IDL> help,in_jday
IN_JDAY      DOUBLE   =      2451956.5
IDL> print,!version
{ sparc sunos unix 5.4 Sep 25 2000    32    64}
IDL> $uname -a
SunOS sun4 5.8 Generic_108528-03 sun4u sparc SUNW,Ultra-Enterprise
IDL> $/bin/isainfo -b
64
```

According to IDL Online Help, there are two versions of IDL 5.4 for Solaris, 64-bit and 32-bit memory support. We have 64-bit kernel (Solaris 8), but still seem to use 32-bit memory support (if I understand correctly the contents of !version system variable). If you have both 64-bit and 32-bit versions installed, it should be possible to start IDL in 32-bit mode by giving option -32.

Pertti
