Subject: NT and Unix systime precision
Posted by Ken Stone on Fri, 13 Dec 1996 08:00:00 GMT
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Hello,

Does anyone know how precise the systime call is on NT vs on a Unix platform? On Unix I seem to be able to see differences in the system time down below a millisecond without any problem. On NT though it appears that I can only get precision down to about 0.01 seconds.

For instance on Unix:

```
IDL> t1 = systime(1) & a = fltarr(10000) & t2 = systime(1)
IDL> t3 = t2 -t1
IDL> print, t3, format='(F10.8)'
0.00018597
```

and on Windows NT:
0.00000000

The systime() seems to return a double precision value, but there isn't any information beyond 0.01 seconds.

This isn't a huge problem for us right now, but it's now a question of how many other functions will I run into that are different on NT vs Unix? I'm new to the NT world, so forgive me if I've overlooked something obvious.

Thanks,

Ken

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