
Subject: Re: bug in systime(1) on IDL 5.2 Linux/Intel?
Posted by [Kevin P. Reardon](#) on Tue, 02 Mar 1999 08:00:00 GMT
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"Woodford, Paul" wrote:

>
> systime(1) on IDL 5.2 Linux/Intel seems to always yield whole
> numbers.

I just ran into this problem while installing a IDL 5.2 on a new Linux machine. Desperate to benchmark the beast, I coded up a quick workaround using the information contained in /proc/uptime (which contains the uptime in hundredths of a second). A simple program to read and format this information in the same way as systime is given below. Then in \$IDL_DIR/lib/time_test.pro (or rather, a copy thereof), I substituted all occurrences of "systime" with "uptime". Millisecond accuracy it ain't, but for running time_test[123], it seems sufficient (the fastest of the individual tests on my machine takes 0.07 seconds). Of course, a real fix for systime would be better.

Of course, this only works if you have the /proc filesystem enabled and you machine doesn't reboot during the time_test.

I hope it helps,
kevin reardon
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```
; a program to read the /proc/uptime "file" in a systime(1)-like  
; format
```

```
function uptime,return_type
```

```
    ; select the first of the two fields in the file  
    spawn, 'cat /proc/uptime | cut -f 1 -d " " ', uptime
```

```
    uptime=double(uptime[0])
```

```
    return,uptime
```

```
end
```
