
Subject: Re: IDL Time Zones?

Posted by [Liam Gumley](#) on Mon, 29 Mar 1999 08:00:00 GMT

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Craig Markwardt wrote:

> It seems that the SYSTIME() function doesn't work always under IDL.
> SYSTIME(0) is supposed to print the *local* time, but it doesn't under
> my Linux system. Here are two examples.

>

> CORRECT EXAMPLE:

> IDL> print, !version & print, systime(0) & spawn, 'date'

> { alpha OSF unix 5.2 Oct 30 1998}

> Sun Mar 28 17:58:13 1999

> Sun Mar 28 17:58:14 EST 1999 ;; <----- OK, the times match here

>

> INCORRECT EXAMPLE:

> IDL> print, !version & print, systime(0) & spawn, 'date'

> { x86 linux unix 5.1 Apr 13 1998}

> Mon Mar 29 02:15:11 1999 ;; <----- NO, this is GMT, not local!!!

> Sun Mar 28 21:15:11 EST 1999

I get the same behavior in Linux:

IDL> print,!version & print,systime(0) & spawn,'date'

{ x86 linux unix 5.1 Apr 13 1998}

Mon Mar 29 20:00:05 1999

Mon Mar 29 14:00:06 CST 1999

All my other platforms look ok:

IDL> print,!version & print,systime(0) & spawn,'date'

{ mipseb IRIX unix 5.2 Oct 30 1998}

Mon Mar 29 13:58:42 1999

Mon Mar 29 13:58:42 CST 1999

IDL> print,!version & print,systime(0) & spawn,'date'

{ sparc sunos unix 5.2 Oct 30 1998}

Mon Mar 29 14:00:14 1999

Mon Mar 29 14:00:14 CST 1999

IDL> print,!version & print,systime(0) & spawn,'date'

{ mipseb IRIX unix 5.1 Apr 13 1998}

Mon Mar 29 14:00:52 1999

Mon Mar 29 14:00:52 CST 1999

Liam E. Gumley

Space Science and Engineering Center, UW-Madison

Subject: Re: IDL Time Zones?

Posted by [mallors](#) on Tue, 30 Mar 1999 08:00:00 GMT

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Looks to be fixed in IDL 5.2:

```
IDL> print, !version & print, systime(0) & spawn, 'date'
{ x86 linux unix 5.2 Oct 30 1998}
Mon Mar 29 18:11:50 1999
Mon Mar 29 18:11:50 CST 1999
```

In article <36FFDD97.2FF0589E@ssec.wisc.edu>,
Liam Gumley <Liam.Gumley@ssec.wisc.edu> writes:

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>
> ---
> Liam E. Gumley
> Space Science and Engineering Center, UW-Madison
> <http://cimss.ssec.wisc.edu/~gumley>

--

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~~~~~
