
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:

> 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
>
> ---
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