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Subject: Re: sky is falling, again ?

Posted by [Fabzou](#) on Wed, 16 Mar 2011 17:53:27 GMT

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On 03/16/2011 06:06 PM, Kenneth P. Bowman wrote:

>> Because of this problem, we now defined our own time system based on  
>> "milliseconds since ..." (working with LONG64 formats to be sure). It  
>> works nice, but it was a long (and a bit boring) work to make it  
>> flexible and stable.

>>

>> I was wondering what are you people doing?

>>

>> Fab

>

> I have a small library to do date and time calculations that are  
> exact to the second using structures and integer arithmetic. It  
> could be modified to add a millisecond or microsecond field.

>

> You can download it here

>

> <http://idl.tamu.edu/idl/Downloads.html>

>

> (see bowman\_lib.zip)

>

> Ken Bowman

>

>

>

> IDL> date1 = MAKE\_DATE(2011, 3, 16, 12, 4, 0)

> IDL> date2 = MAKE\_DATE(2011, 3, 17, 12, 4, 0)

> IDL> print, TIME\_DIFF(date2, date1)

> 86400

> IDL> print, MAKE\_ISO\_DATE\_STRING(date1)

> 2011-03-16 12:04:00

> IDL>

Yeah, once again I re-did something that already exists thousands of  
time ;-)

Reading this newsgroup regularly, I learned the most important thing  
ever: "first look if someone didn't do it for you"

Nice community, by the way...

Fab

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