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Subject: Re: Error in function js2ymds (JHU/APL/S1R IDL Lib)?

Posted by [Olaf Stetzer](#) on Fri, 14 Sep 2001 09:18:40 GMT

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Reimar Bauer schrieb:

>  
> Olaf Stetzer wrote:  
>>  
>> Hello,  
>>  
>> as mentioned in my last posting I want to convert  
>> Date/Time from Microsoft(Excel)-Format (based on  
>> 1.1.1900= day 1) into Julian Seconds and then from JS  
>> into the ODBC-SQL-TIMESTAMP-struct.  
>>  
>> For the last conversion I've written a function  
>> which basically runs js2ymds to get the values  
>> for y m d and then computes hh mm ss from the  
>> resulting seconds.  
>>  
>> All values are then stored in the aforementioned struct.  
>>  
>> I now tried to compute the js from MS-Format and then  
>> use my function to store this in the sqlstruct:  
>> ---  
>> function mstime2sqlts, msdate, mstime  
>>  
>> jsdate=(msdate-1)\*86400d0-3155673600d0  
>> js=mstime\*86400d0+jsdate  
>> sqlts=js2sqlts(js)  
>> return, sqlts  
>>  
>> end  
>> ---  
>  
> Dear Olaf,  
>  
> We are calculating the jstime from Microsoft special time in this way  
>  
> js\_time= mstime\*24d\*3600+xls2js(msdates)  
>

Are you sure that this function is aware of the 29.2.1900-bug in  
ms-date? By looking at the code for xls2js I am not sure about this!

Olaf

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