
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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