
Subject: Re: Time conversion
Posted by [R.Bauer](#) on Mon, 19 Mar 2001 21:12:15 GMT
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"Liam E. Gumley" wrote:

>
> Alex Schuster wrote:
>> I have to convert some date formats, and I wonder why IDL does not give
>> more support here. A common date/time format is the seconds since 1970,
>> and the systime() function can return the current date in this format.
>> Yippie! But why is there no function to convert this from/to standard
>> ASCII date strings, or from/to Julian date?
>>
>> I found such a thing in the Astro library, st2date, input is the
>> seconds-since-1970, output is year, month, day etc., and even day and
>> month in ASCII notation if one likes. Great. But I did not find
>> something yet to convert to seconds-since-1970. I could write it myself,
>> but I guess this already had been done some dozen times. Some big routine
>> with many, many keywords to convert between all those formats would be
>> nice :)
>
> <http://fermi.jhuapl.edu/s1r/idl/s1rlib/time/time.html>

and here are some more julian seconds routines

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/string2js.tar.gz
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/js2string.tar.gz

There are many formats defined

e.g.:

```
; FORMAT:          string to format the output:
;                  'ICG' = 'Y-M-D H:M:S MS'
;                  'XLS' = 'D.M.Y H:M:S'
;                  'M-D'
;                  'H:M'
;                  'H:M:S'
;                  'Y-M-D'
;                  'M-D-Y'
;                  'YMDHMS'
```

For further routines and licensing please look at
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

regards

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at ForschungsZentrum Jülich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
