
Subject: Re: Best way to store a time-stamp
Posted by [R.Bauer](#) on Tue, 10 Feb 2004 13:06:10 GMT
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M. Katz wrote:

- > I'm interested to know what method people use for making a time-stamp.
- > With each datapoint I'd like to record the current time, store it, and
- > be able to read it and plot with it later.
- >
- > systime(0) gives a well-formatted string, but it would be difficult to
- > deconstruct back into abscissa values.
- >
- > systime(1) is great for relative and elapsed time, but is it easy to
- > convert it into absolute date and time down to fractions of a second?
- >
- > systime(1, /julian) seems to only change once per second.
- >
- > Ideally, I'd like a double-precision number that I can store, and a
- > function I can use to interpret the values as read-able date stamps.
- >
- > Thanks,
- > M. Katz

We are using Julian Seconds defined by Ray Sterner, (seconds since 2000-01-01 00:00:00)

```
x=string2js(/now)
print,x
print,js2string(x)
```

```
1.2973343e+08
2004-02-10 13:03:47 321
```

You could find both routines in our library. There are several output formats defined.

regards
Reimar

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Reimar Bauer

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
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