
Subject: Re: Parsing dates (ARGH!)
Posted by [Chris\[1\]](#) on Mon, 17 May 2004 17:49:08 GMT
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The format you have supplied (the "C()") format) returns a Julian date as a floating point number (use double precision). Then use the caldat procedure to transfer this to numeric values for year, month, day, etc. i.e

```
IDL> x = 0d0
```

```
IDL> reads, a, x, format=sql_fmt
```

```
IDL> caldat,x,month,day,year,hour,minute,second
```

Chris

"Jamie Smyth" <jamiesmyth_uni@yahoo.ca> wrote in message
news:120533fa.0405170849.31c48ec6@posting.google.com...

> Can someone please explain how I can parse the year, month, day, hour,
> minute, and seconds from a timestamp such as '2004-01-01

> 01:22:15.1234'

>

> IDL> print, a

> 2004-01-01 00:10:22

> IDL> print, size(a, /tname)

> STRING

> IDL> sql_fmt = "(C(CYI4, X, CMoI2.2, X, CDI2.2, X, CHI2.2, X," + \$

> IDL> " CMI2.2, X, CSF7.4))"

> IDL> reads, a, year, format=sql_fmt

> IDL> help, year

> YEAR INT = 28173

> IDL> reads, a, year, month, date, hour, minute, seconds,

> format=sql_fmt

> % READS: End of input data encountered: A

> % Execution halted at: \$MAIN\$

>

> Thanks, I've blown most of the morning on this...