
Subject: Re: Parsing dates (ARGH!)

Posted by [btt](#) on Mon, 17 May 2004 17:27:58 GMT

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Jamie Smyth wrote:

```
> 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...  
Hello,
```

You could try

```
IDL> b = strsplit(a, '[- :]', /extract)  
IDL> for i = 0, n_elements(b)-1 do print, i, ' = ', b[i]  
0 = 2004  
1 = 01  
2 = 01  
3 = 00  
4 = 10  
5 = 22
```

Ben
