
Subject: Re: function to convert string to array???
Posted by [zawodny](#) on Thu, 30 Mar 1995 08:00:00 GMT
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In article <3lek18\$pm0@reznor.larc.nasa.gov> [zawodny@arbd0.larc.nasa.gov](#) (Joseph M Zawodny) writes:
> In article <1995Mar29.192708.17563@alw.nih.gov> [cox <cox@colt.cpi.com>](#) writes:
>
>> Here is my routine which converts a string of space or comma-delimited
>> items into a string array.

>
> Just do this:
>
> READS,input_string,numbers
>
> Where numbers is an array (intarr(10), or fltarr(12), or whatever)
> or a structure a={f1: 0, f2: 0.0, f3: bytarr(100), ... }
>

I was not sure about the use of a structure in the READS call,
but the following example illustrates my point more completely.

```
IDL> s='12, 24 36 3.456 2 3 4 5, 6,7'  
;  
IDL> a={f1:0, f2:0, f3:0L, f4:0., f5:intarr(6)}  
  
IDL> help,/str,a  
** Structure <4009be08>, 5 tags, length=24, refs=1:  
F1      INT      0  
F2      INT      0  
F3      LONG     0  
F4      FLOAT    0.00000  
F5      INT      Array(6)  
  
IDL> reads,s,a  
  
IDL> help,/str,a  
** Structure <4009be08>, 5 tags, length=24, refs=1:  
F1      INT      12  
F2      INT      24  
F3      LONG     36  
F4      FLOAT    3.45600  
F5      INT      Array(6)  
IDL> print,a.f5
```

2 3 4 5 6 7

Have fun,

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