
Subject: Re: Working with lists

Posted by [Helder Marchetto](#) on Mon, 03 Jun 2013 19:21:57 GMT

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On Monday, June 3, 2013 7:39:46 PM UTC+2, fgg wrote:

> Hello,
>
>
>
> I have a string array that looks like this (with the exception that the numbers actually vary from element to element):
>
>
>
>
> str = replicate('1000 1000.1515 400 40', 10)
>
>
>
>
> Is there a simple way to extract these numbers to a 4 by 10 array without using loops? I've tried the following, but it doesn't work:
>
>
>
>
> str = strssplit(str, /extract)
>
> array = str.ToArray(type='float')
>
>
>
>
> % LIST::TOARRAY: Unable to convert to type FLOAT: Element 7
>
> % Error occurred at: LIST::TOARRAY
>
>> % \$MAIN\$
>
>>
>> % Execution halted at: \$MAIN\$
>
>
>
>> What's the problem with this?
>
>
>
>> Thanks!

How about this:

IDL> str = strssplit(str, /extract)

```
IDL> str = replicate('1000 1000.1515 400 40', 10)
IDL> str = strsplit(str, /extract)
IDL> array = float(str.ToArray() )
IDL> help, array
ARRAY      FLOAT     = Array[10, 4]
IDL> print, array[*,0]
  1000.00    1000.00    1000.00    1000.00    1000.00    1000.00    1000.00    1000.00
 1000.00    1000.00
```

Cheers,
Helder
