
Subject: Re: Chopping up a string
Posted by [Craig Markwardt](#) on Wed, 09 May 2001 16:29:33 GMT
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"Noam R. Izenberg" <noam.izenberg@jhuapl.edu> writes:

> I have a set of 5 numbers in a string separated by spaces
> (e.g. string= '0 1 2 3 4'), and i need to chop them into separate
> integer variables (var1=0, var2=1 etc...) I would use the various
> strmid commands except the size of the numbers is not always the
> same. Sometimes one or more of the numbers will be 2 or more
> digits. (e.g. '14 14 256 5 2').

```
IDL> string= '0 1 2 3 4'  
IDL> vars = long(str_sep(strcompress(string), ' '))  
IDL> help, vars  
VARS      LONG      = Array[5]  
IDL> print, vars
```

The STRCOMPRESS is optional if you can guarantee a single space between numbers.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Chopping up a string
Posted by [Amar Nayegandhi](#) on Wed, 09 May 2001 19:30:10 GMT
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"Noam R. Izenberg" wrote:

>
> I have a question about chopping up a string of numbers into separate integer variables.
>
> I have a set of 5 numbers in a string separated by spaces (e.g. string= '0 1 2 3 4'), and i need to
> chop them into separate integer variables (var1=0, var2=1 etc...) I would use the various strmid
> commands except the size of the numbers is not always the same. Sometimes one or more of
> the numbers
> will be 2 or more digits. (e.g. '14 14 256 5 2').
>
> Is there any neat trick to doing this?
[

you can use the strsplit keyword in IDL.

e.g: array_of_strings = strsplit(string, /extract) ;the default pattern
to switch at is whitespace

array_of_integers = fix(array_of_strings)

-amar

]

Murphy's Law of Research:

Enough research will tend to support your theory.

Amar Nayegandhi

Graduate Student

Department of Computer Science,

University of South Florida, Tampa.

Subject: Re: Chopping up a string

Posted by [Noam R. Izenberg](#) on Fri, 11 May 2001 13:09:00 GMT

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All,

Thanks for the replies on- and off-list. They're just what I needed!

Noam
