
Subject: Re: How to convert (concatenate) a string array to a string scalar?

Posted by [John-David T. Smith](#) on Mon, 13 Mar 2000 08:00:00 GMT

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David Fanning wrote:

```
>
> Alex Schuster (alex@pet.mpin-koeln.mpg.de) writes:
>
>> BEEEEEEP! There's no need for that, here's a function which does what
>> Kristian wants:
>>
>> function strconcat, numarray
>>   format = string( '( ', n_elements( numarray ), '(I0,', ",") )
>>   str = string( numarray, format=format )
>>   return, strmid( str, 0, strlen( str ) - 1 )
>> end
>>
>> In the example above, the format string which is created inside the
>> function would be '3(I0,")', which tells the STRING routine to take
>> three integers and add them to the string without leading blanks, but
>> with a comma between them. The last strmid call only removes the last
>> comma from the string.
>
> I only know one thing for certain about IDL, and that
> is this:
>
> There is an inverse correlation between how certain
> I am that something can only be done one way in IDL
> and the number of alternative methods I will learn
> about in the next 15 minutes.
>
> :-(
```

Obfuscated IDL Contest Entry:

```
s=string((reform((tmp=byte(strtrim(a,2)+[replicate(", ",n_elements(a)-1), "")),$
  n_elements(tmp)))[where(tmp ne 0)])
```

Given integer array "a".

JD

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```
