Subject: Re: string to array conversion
Posted by Martin Schultz on Fri, 11 Aug 2000 07:00:00 GMT
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Karsten Schmidt wrote:
>
> Hi Alex, thanks for your answer,
> I want to change the stringlength or produce new strings (delete and add
> some words), example:
>
> a=string('lllllllllllllllllllllllllllllllllllllllllll llllllllllllllllllllllllllllllllllllllllllllllll
lllllllllllllllllllllllllllllllllllllllllllllll llllllllllllllllllllllllllllllllllllllllllllll llllllllllllllllllllllllllllllllllllllll')
>
> print,strlen(a)
>   272
> help,a
> A   STRING   =
> 'lllllllllllllllllllllllllllllllllllllll'...
> that's allright,
> but if I write:
> word=string('long strings are my problem')
> together=string(word,word,word,word,word,word,word)
> print,strlen(together)
>   162   27
> help,togehter   ==>   TOGETHER   STRING   = Array
>
> What's happen and how can I stop it ?
>
>   Karsten

Hallo Karsten,

   another possible solution is the format option for the string
function, see example below.

Cheers,
Martin

; generate two example strings of 300 byte length each
b=bytarr(300)+65B
c=bytarr(300)+69B
bs=string(b)
help,bs
; BS   STRING   =
'AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA'...
print,strlen(bs)
;   300
cs=string(c)

```
; if you use only the string function, IDL will generate a string array
ds=string(bs,cs)
help,ds  & print,strlen(ds)
; DS           STRING   = Array[2]
;      300       300

; however, if you add the format option, you can concetanate the strings
ds=string(bs,cs,format='(A,A)')
help,ds  & print,strlen(ds)
; DS           STRING   =
'AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA'...
;
600
```

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