
Subject: Re: string manipulation
Posted by [R.Bauer](#) on Tue, 27 Feb 2001 10:40:54 GMT
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Craig Markwardt wrote:

>
> I have been thinking about the following problem, but have been pretty
> frustrated.
>
> I have input keyword/value strings of the following form. People may
> recognize this from a FITS file.
>
> TTYPE2 = 'X1LSpecPcu0' / X1LSpecPcu0 : Histogram
> TUNIT2 = 'count '
> 1CTYP2 = 'CHANNEL '
> 1CPIX2 = '0~4,5:53,(54~135;2),(136~237;3),(238~249;4),250~255'
> 12CD2A = 1.25
> ^name^^ ^value^^^^^^
>
> All of the keyword names have a trailing "2" which indicates that they
> are describing column number 2 in a FITS table. Note that in the name
> "12CD2A", only the *final* 2 refers to the column number.

...

Dear Craig,

I believe my `replace_string` is the right tool for your request

```
txt= ['TTYPE2' ,$  
      'TUNIT2' , $  
      '1CTYP2' , $  
      '1CPIX2' , $  
      '12CD2A']
```

```
result=replace_string(txt,'2','50',pos=4,no_of_replaces=1)  
print,result  
TTYPE50 TUNIT50 1CTYP50 1CPIX50 12CD50A
```

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/replace_string.tar.gz

For further routines and licensing please look at
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

regards

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Jülich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
