Subject: Re: String Processing Question Posted by Sobwom on Thu, 03 Mar 2005 21:47:40 GMT

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```
David Fanning wrote:
> Folks,
> My mind goes into shutdown mode whenever the subject of
> string processing comes up. It always has, I don't know
> why.
>
> I have a method of doing this, but is looks like
> a crock. Here is the situation.
  I have a variable:
    animal = 'Coyote'
>
 And I have a string:
    myString = 'My favorite animal is {1}.
>
 I want to replace "{1}" with "Coyote". What is the
> best way to do that, given that "{1}' can occur
> anywhere in the string?
>
> Cheers,
> David
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
Try StrSplit():
animal = 'Covote'
myString = 'My favorite animal is {1}.'
newString = StrJoin(StrSplit(myString, '\{1\}', /Regex, /Extract, $
                  /Preserve Null), animal)
```

Subject: Re: String Processing Question
Posted by David Fanning on Thu, 03 Mar 2005 22:14:57 GMT
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Sobwom writes:

> Try StrSplit():

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: String Processing Question Posted by Benjamin Hornberger on Fri, 04 Mar 2005 00:07:47 GMT View Forum Message <> Reply to Message

Have a look at http://www.rsinc.com/codebank/search.asp?FID=311. No need for man pages, and it comes with a str_replace function.

Benjamin

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Subject: Re: String Processing Question Posted by David Fanning on Fri, 04 Mar 2005 00:15:18 GMT

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Benjamin Hornberger writes:

- > Have a look at http://www.rsinc.com/codebank/search.asp?FID=311. No need
- > for man pages, and it comes with a str_replace function.

Now there you go! (I'm not sure why the same article is in the PDF file twice, unless you have to read the material *at least* twice to get it, but if so, it's a thoughtful addition.) I've already set it beside my pillow for some bedtime reading tonight. :-)

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: String Processing Question
Posted by Craig Markwardt on Fri, 04 Mar 2005 01:58:11 GMT
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Benjamin Hornberger

benjamin.hornberger@stonybrook.edu> writes:

- > David Fanning wrote:
- >> Sobwom writes:

>>

>>> Try StrSplit():

- >>> animal = 'Covote'
- >>> myString = 'My favorite animal is {1}.'
- >>> newString = StrJoin(StrSplit(myString, '\{1\}', /Regex, /Extract, \$
- >>> /Preserve Null), animal)
- >> Now *that's* what I'm talkin' about! :-)
- >> That whole "regular expression" business always makes
- >> my eyes glaze over. I think because everyone who explains
- >> it relies on the same UNIX man page. :-(

>

- > Have a look at http://www.rsinc.com/codebank/search.asp?FID=311. No
- > need for man pages, and it comes with a str_replace function.

...and the IDL Astronomy Library has the REPSTR() function.

Craig

Subject: Re: String Processing Question
Posted by Norbert Hahn on Fri, 04 Mar 2005 16:32:58 GMT
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"Sobwom" <sobwom_joatamon@yahoo.com> wrote:

```
>> I have a variable:
      animal = 'Coyote'
>>
>>
>> And I have a string:
>>
      myString = 'My favorite animal is {1}.
>>
> Try StrSplit():
> animal = 'Coyote'
> myString = 'My favorite animal is {1}.'
> newString = StrJoin(StrSplit(myString, '\{1\}', /Regex, /Extract, $
                    /Preserve_Null), animal)
Why is there a need to use /Regex and thusly quoting the braces?
Wouldn't
StrJoin(StrSplit(myString, '{1}', /Extract, /Preserve_Null), animal)
be sufficient?
Norbert
```