Subject: String Processing Question Posted by David Fanning on Thu, 03 Mar 2005 20:42:14 GMT

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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/

Subject: Re: String Processing Question

Posted by R.Bauer on Fri, 04 Mar 2005 09:06:50 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}.
my string=replace string(my string, '{1}', animal)
You find this function in our library
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl _html/dbase
replace_string_dbase.pro.html
This was written before the regex stuff was implemented in idl.
cheers
Reimar
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
_____
a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl icglib/idl lib intro. html
```

Subject: Re: String Processing Question
Posted by David Fanning on Fri, 04 Mar 2005 16:40:08 GMT
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Norbert Hahn writes:

```
> 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?
IDL> animal = 'Coyote'
IDL> myString = 'My favorite animal is {1}.
IDL> print, StrJoin(StrSplit(myString, '{1}', /Extract, /Preserve_Null), animal)
```

My favorite animal is CoyoteCoyoteCoyote.

It's good for emphasis, but beyond that, I think the previous example is better. :-)

Cheers,

David

--

David Fanning, Ph.D. Fanning Software Consulting, Inc.

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