
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 it 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 it 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.

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