
Subject: Re: Little CREATE_STRUCT issue
Posted by [David Fanning](#) on Thu, 24 Mar 2005 13:57:36 GMT
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Ricardo Bugalho writes:

> I want to use CREATE_STRUCT like this:
>
> myStruct = CREATE_STRUCT(['tag1', 'tag2'], [100, 200])
>
> Yes, I have a structure where all elements are of the same type.
> Is there any magic way to do it, or I'll just have to write a small
> function?

There is no magic in computer programming. (Except,
of course, with objects.)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Little CREATE_STRUCT issue
Posted by [Michael Wallace](#) on Thu, 24 Mar 2005 16:37:56 GMT
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> There is no magic in computer programming. (Except,
> of course, with objects.)

But there are magic numbers in programming. ;-)
<http://www.catb.org/~esr/jargon/html/M/magic-number.html>

-Mike

P.S. Sorry for the off-topicness.

Subject: Re: Little CREATE_STRUCT issue
Posted by [JD Smith](#) on Thu, 24 Mar 2005 17:11:06 GMT
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On Thu, 24 Mar 2005 13:34:58 +0000, Ricardo Bugalho wrote:

> Hi,
> I want to use CREATE_STRUCT like this:
>
> myStruct = CREATE_STRUCT(['tag1', 'tag2'], [100, 200])
>
> Yes, I have a structure where all elements are of the same type.
> Is there any magic way to do it, or I'll just have to write a small
> function?

You can build it up "piece by piece" using CREATE_STRUCT's ability to extend structures, like:

```
myStruct=create_struct('tag1',100)
myStruct=create_struct(myStruct,'tag2',200)
...
```

which could easily be made into a general function. This is inefficient for large structures, since it copies and extends the structure once for each tag, but at least it works.

I suspect RSI decided that if all your values are the same type, you could just put them in an array and save yourself the trouble of making a structure out of them... and maybe they have a point.

JD
