
Subject: Re: execute problem

Posted by [Phil Williams](#) on Thu, 30 Jan 1997 08:00:00 GMT

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R. Bauer wrote:

>
> Hi,
>
> here is an other problem
>
> we have idl versions 3.61 and 4.01.
>
> in idl 4.01 it's possible to execute a string with the length 625.
> idl 3.61 gave the error that's the string is too long.
>
> There is no way in our case to seporate the string, because it's a
> definition for a structure.
>
> Now the questions:
>
> where is the border for a string to execute by idl 4.01?
>

No idea there was even a border in 3.6.1!

> how could I solve the problem for idl 3.61?

One way that I could think of off the top of my head would be to
reference your structures via tag number instead of tag name. i.e.

structure.(0).(1).(10)

I'd imagine that there might be some overhead if you are using anonymous
strutures to determine the tag placement. Something like,

```
names = tag_names(structure)
index1 = where(names eq structure2)
names = tag_names(structure.(index))
index2 = where(names eq structure3)
```

etc.

```
ps = ').('
command = $
'print, structure.('+strtrim(index1,2)+ps+strtrim(index2,2)+ps+....
```

Hope this helps,
Phil

--

/*****
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There goes that damn SEND button again!

Phil Williams wrote:

>
> One way that I could think of off the top of my head would be to
> reference your structures via tag number instead of tag name. i.e.
>
> structure.(0).(1).(10)
>
> I'd imagine that there might be some overhead if you are using anonymous
> structures to determine the tag placement. Something like,
>

You'll probably need quotes here. :)

> names = tag_names(structure)
> index1 = where(names eq 'structure2')
> names = tag_names(structure.(index))
> index2 = where(names eq 'structure3')

>
> etc.
>
> ps = ').('
> command = \$
> 'print, structure.(' + strtrim(index1,2) + ps + strtrim(index2,2) + ps + ...
>
> Hope this helps,
> Phil

>
> --
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