
Subject: Re: EXECUTE limits?

Posted by [Alex Schuster](#) on Mon, 21 Dec 1998 08:00:00 GMT

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Wayne Landsman wrote:

> In practice, I find the V5.0 EXECUTE limits the same as they were in V4.0.
>
> In the example below, I try to use EXECUTE to define an anonymous
> structure at run-time. (Note that I can't use the CREATE_STRUCT
> function, because CREATE_STRUCT requires that one know the number of tags
> beforehand.) This works fine so long as the EXECUTE string does not
> exceed a certain length -- which seems to vary from machine to machine.
> Otherwise I get a "Program code area full" error message.

I experienced that such long statements work in compiled code only, not
at the command line or via EXECUTE. BTW, this worked even better in IDL
4.

But you can use CREATE_STRUCT this way:

```
IDL> d = { name:0 }  
IDL> for i = 0, 99 do d = create_struct( d, 'name' + strtrim(i,2), 0 )
```

Alex

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PGP Key available