
Subject: Re: Defining structuretype during runtime?? QUESTION!! (no reply)
Posted by [mgs](#) on Mon, 06 Oct 1997 07:00:00 GMT
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In article <618ta0\$I4m\$3@sun27.hrz.th-darmstadt.de>,
hahn@hrz.tu-darmstadt.de (Norbert Hahn) wrote:

> Juergen Paff <paff@paff.slip.ethz.ch> wrote:

...

>> return_status=execute(string_argument)

>

>> string_argument has to be a string that contains a command that is valid at
>> run time. Consider the following situation:

> [...snip...]

> Ahem, but look at this warning included in the help for execute:

> *** begin of quote ***

> "Warning

>

> "Do not use EXECUTE to create new variables inside procedures or
functions. All

> variables used by the string that is executed should be

> referenced or defined when the program unit is originally compiled. New

> variables cannot be created after a procedure or function is

> compiled. Attempts to create new variables result in the error "Program data

> area full".

> *** end of quote ***

I think this is an IDL 4.0 limitation. Of course, I just removed IDL 4.0
from my system an hour ago. From the IDL 5.0 "New IDL Language Features"
section:

Limits Removed

The following limits that existed in previous versions of IDL have been removed:

...

There are no limits on new variables added by EXECUTE and RESTORE.

...

What version did Norbert's quote come from? I checked as many references
to Execute as I could find in a few minutes, but didn't find one with the
statement Norbert quoted.

--

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