Subject: Re: execute problem

Posted by alpha on Sat, 01 Feb 1997 08:00:00 GMT

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"R. Bauer" <r.bauer@kfa-juelich.de> writes:

- > 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 seperate 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?

we use 4.0.1 (on VMS 6.13.2G)

it is not a border for the string-length, i successfully created structures with execute having a string of 1500 Chars...

it is

- a) a problem of comma (,): you cant use more than 123 my knowledge or the function-parameter-transfer will fail
- b) a problem of tag-types: if you create a lot of different types of tags, than the execute will fail with programm code area fail!

I contacted Creaso on it and they can reproduce the error with my fail.pro on each plattform (see X-Mas- survey). My fail.pro changes the tagtyp everytime (which is worst). In this case the execute will fail at the 24th tag! The length of the string is void!

c) Mr. Allewelt from Creaso contacted RSI and is working on this problem.

you can do a work arround by doing a iterative create_structure call in a execute-simulating-routine! I have written such a routine to be able to work with more than 24 tags, but the routine is about 100 times slower!!!

Creating a structure is lasting about 1-2 secs in this case, which is much to long!

Dr. Roepcke

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