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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 platform (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 around 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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