
Subject: Re: URGENT: IDL_STRING variable in calling C from IDL when update from IDL5.4 to 5.6

Posted by [Nigel Wade](#) on Fri, 21 Nov 2003 10:13:27 GMT

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Xiaoying Jin wrote:

> Hi, there,
>
> I am building program that calls C from IDL by DLM. In IDL, the
> function passed only one parameter that is a string, such as
> 'test.txt'. In C, use argv[0]->value.str.s to read the string out.
> In IDL 5.4, the program works well.
>
> I updated IDL from 5.4 to 5.6, the program is dead. I debug the
> program and found that when I use IDL5.4 to debug, the
> argv[0]->value.str.s has the right input: 'test.txt'. However, when I
> use IDL5.6 to debug, the argv[0]->value.str.s is NULL.
>
> How can this happen? Is this a bug in IDL5.6 or RSI changed something
> about the IDL_string structure? I test the program in IDL6.0, the same
> error happened.
>
> Any help will be appreciated,
>
> Jin

Yes, they changed the length field slen from short to IDL_STRING_SLEN_T (which is currently int) so the structure changed. I think it's documented in the release notes.

You need to recompile your C code using the header files from IDL 5.6.

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