Subject: Re: Problem addressing arrays from C routines running OSF Posted by Tim Patterson on Wed, 31 Jan 1996 08:00:00 GMT

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What problem do you get? Wrong values returned? Code crashes? An example of where it goes wrong would be useful.

Tim

Subject: Re: Problem addressing arrays from C routines running OSF Posted by rivers on Wed, 31 Jan 1996 08:00:00 GMT

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In article <310E41A5.547F@fys.ku.dk>, Stubbe Faurschou Hviid <stubbe@fys.ku.dk> writes:

- > I am writing a program which have to access some routines writen
- > i C.
- > ...

>

- > This method of addressing an array works under Solaris, SGI Irix
- > and Windows
- > but not under OSF/1 on a DEC alpha workstation.

>

- > I think that the problem is that IDL tries to send a 32 bit
- > pointer, and the
- > C program expects a 64 bit pointer (a good way to create chaos
- > :-))

>

> Any suggestions on how to solve this problem?

I have been using external C routines on OSF/1 (a.k.a. Digital Unix) from IDL with no problem. These routines access arrays in the same way you describe. These same C routines also work fine with IDL under Solaris and Irix. I don't seem to have any problem.

Mark Rivers (312) 702-2279 (office)
CARS (312) 702-9951 (secretary)
Univ. of Chicago (312) 702-5454 (FAX)
5640 S. Ellis Ave. (708) 922-0499 (home)

Chicago, IL 60637 rivers@cars3.uchicago.edu (Internet)