Subject: Re: How to send a CHARACTER to a C/C++/FORTRAN function via CALL_EXTERNAL?
Posted by Brian Daniel on Wed, 13 Feb 2013 18:44:34 GMT
View Forum Message <> Reply to Message

A character is one byte. You could try the byte data type defined with the appropriate ASCII value.

On Tuesday, February 12, 2013 8:36:16 PM UTC-5, Bogdanovist wrote:
> I'm having trouble getting a CALL_EXTERNAL call to work. I think the issue is the requirement to send a CHARACTER*1. To be specific, I'm trying to call dgels from LAPACK, see here
>
>
>
> http://www.netlib.org/lapack/explore-html/d7/d3b/group__doub le_g_esolve.html#ga225c8efde208eaf246882df48e590eac
>
>
>
> I know from previous experience that you have to be careful to get all arguments to CALL_EXTERNAL exactly right, making IDL INTs into LONGs, making sure to get single/double precision etc correct. However this one I can't seem to crack. It doesn't surprise me that the IDL STRING is not equivalent to CHARACTER, but how can I send this correctly?