
Subject: Re: CALL_EXTERNAL puzzle?

Posted by [steinhh](#) on Thu, 03 Sep 1998 07:00:00 GMT

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rmlongfield@my-dejanews.com wrote:

```
> print,'de-referenced pointer: ',*filename  
> result = CALL_EXTERNAL(VALUE=[1B],'example_c.so','example_c', filename)
```

Whoaa - here you're sending a **pointer** to a **string** variable into the call_external routine - and it's definitely **not** set up to receive it! In fact, your routine would **only** work if you sent it a scalar string that is passed by **value** only. (E.g. a string literal)

```
> So, is this a bug or a feature of CALL_EXTERNAL which I didn't quite grasp  
> from the excellent documentation ;) I hate to think that my success with  
> CALL_EXTERNAL was merely accidental.
```

Sorry to say it's a feature :-)

Regards,

Stein Vidar
