
Subject: Re: CALL_EXTERNAL and memory allocation
Posted by [James Kuyper](#) on Mon, 11 Mar 2002 16:43:06 GMT
[View Forum Message](#) <> [Reply to Message](#)

Michael Zingale wrote:

```
> I typically do something like the following:
>
>
> in IDL:
>
> string = ''
>
> ierr = call_external('lib.so', 'read_string', string)
>
>
> and in C:
>
> IDL_STRING* string = (IDL_STRING *) argv[0];
>
> then fill string.s with the string.
```

Are you referring to the 'argv' that appears as a parameter in a C main()? That's not necessarily legal. You need to first make sure that:

```
strlen(argv[0]) > sizeof(IDL_STRING)
```

Otherwise, you may be overwriting memory that you don't have permission to access.
