
Subject: Re: Array has a corrupted descriptor

Posted by [Peter Mason](#) on Tue, 12 Feb 2008 23:38:07 GMT

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zhouqiang.search@gmail.com wrote:

<...>

> IDL_DCOMPLEX *result = argv[2];

<...>

> result = complexarr(row , line)

<...>

Aside from the index-calc issue pointed out in the other post...

You make a single-precision complex array (2 * 4 bytes per element) on the IDL side but you handle it as a double-precision one (2 * 8 bytes per element) on the C side. Your C code is going past the end of this array, tramping over things it shouldn't.

In your C code, use IDL_COMPLEX instead of IDL_DCOMPLEX.

Cheers

Peter Mason
