
Subject: Re: Array has a corrupted descriptor
Posted by [Foldy Lajos](#) on Tue, 12 Feb 2008 18:00:39 GMT
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On Tue, 12 Feb 2008, zhouqiang.search@gmail.com wrote:

> HI , folks
>
> I try to complete a program with IDL invoking some function from
> C ,it works well when I passing a float , double
> array , and return a same type with input . Now there is a problem
> that it didn't work while passing a complex array.
> And the error "array has a corrupted descriptor" every time. I am a
> newer with IDL , and I don't know too much
> about that , if anyone can help me, please accept my wonderful
> appreciate.

>
> -----c program-----
> DLLIMPORT void array_test(int argc, void *argv[])
> {
> int nr = *(int *) argv[0];
> int ni = *(int *) argv[1];
>
> // int *result = argv[2];
> IDL_DCOMPLEX *result = argv[2];
> int i , j;
> for(i = 0;i< ni ; i++)
> {
> for(j=0;j<nr;j++)
> {
>
> result[i*ni+j].r = 5 ;
> result[i*ni+j].i = 10 ;

Try
 ^^^^^^
 i*nr+j

regards,
lajos

> }
> }
>
> }
>
> -----IDL program-----
>

```
>  
> function test1 , row , line  
> ; result= lonarr(row,line)  
> result = complexarr(row , line)  
> s = call_external('C:\_test\test3\Project3.dll', 'array_test',row ,  
> line , result)  
> return, result  
> end  
>  
> pro test  
> ;p=lonarr(5,5)  
> p = complexarr(5,5)  
> p = test1(5,5)  
> print , p  
> end  
>
```
