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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.
>
> -----
> 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
>
```

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