
Subject: Array has a corrupted descriptor

Posted by [zhouqiang.search](#) on Tue, 12 Feb 2008 17:41:26 GMT

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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 ;
        }
    }
}
```

-----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
```
