
Subject: debugging IDL Function

Posted by [troy](#) on Mon, 27 Sep 1993 19:06:16 GMT

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I am trying to debug an IDL user-supplied routine (SVDFIT). The problem is I get a floating point arithmetic error. I don't know why, but I tried putting a series of PRINT statements in the program to pinpoint where this error is occurring.

It seems that when I bracket the call to SVD (an IDL routine) with PRINT statements, the error disappears, but when I take them out, the error returns. Does anyone know what might be going on????? the PRINT statements should not effect whether an error occurs, but it occurred to me it might effect whether IDL notifies me about it.

```
.  
.   
.   
SVD,a,w,u,v      ; Do the SVD  
.   
.   
.   
gives a floating point arithmetic error
```

```
.   
.   
.   
print,'just before call to SVD'  
SVD,a,w,u,v      ; Do the SVD  
print,'just after call to SVD'  
.   
.   
.   
seems to run without any errors.
```

Any ideas,

Troy
