
Subject: Problems with PICKFILE.PRO under IDL ver. 4.0.1a for VMS

Posted by [austin](#) on Sat, 30 Mar 1996 08:00:00 GMT

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Hi Everyone,

I have discovered what I think is a bug in either the IDL xmanager or more likely the procedure PICKFILE.PRO for IDL version 4.0.1a (VMS).

I am very interested to find out whether or not anyone else has encountered similar problems. I will outline my problem in detail below but first let me give a couple of code fragments illustrating the situation. These code fragments come from the event loop of a widget which I wrote.

This code works fine,

```
; a=pickfile()
name = 'userdisk1:[austin.data]stff1.dmp'
name2 = name
get_bm1pm0_data, file_type, name2, foo
```

but this code does not work,

```
a=pickfile()
name = 'userdisk1:[austin.data]stff1.dmp'
name2 = name
get_bm1pm0_data, file_type, name2, foo
```

My procedure get_bm1pm0_data.pro is a data extraction routine which utilizes a shared image fortran library. I have traced down to the call_external to the fortran code and found that the parameters passed are identical. Furthermore, a colleague tested my code on his machine running IDL ver. 4.0 and everything worked fine.

I have come to the conclusion that there must be some conflict between the xmanager and my shared image lib. So, I wrote another routine to simply allow the user to input a string via a text widget. This is where things got interesting.

This works,

```
a=pickfile()
get_file_name, name
name2 = a
get_bm1pm0_data, file_type, name2, foo
```

but this does not

```
a=pickfile()  
; get_file_name, name  
name2 = a  
get_bm1pm0_data, file_type, name2, foo
```

It seems as though the xmanager is not properly "unregistering" pickfile.pro, since when I call another widget right after the call to pickfile() it seems to reset whatever is causing my problem.

I would really appreciate any insight you my be able to provide.

Thanks,
Brett

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