Subject: dll not loading

Posted by R.G.Stockwell on Tue, 15 Feb 2005 18:12:47 GMT

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A colleague reported an odd error with IDL code that calls Oleg Kornilov and Ronn Kling's avi dll, and I was able to reproduce it (win xp sp2, idl 6.1)

I am probably missing something obvious, but what else is new:)

Depending on how I start IDL, I either 1) find the dll functions, everything ok

or 2) can't find dll functions, and get syntax errors.

- 1) If I click on the program aviKRtest.pro, so it loads into IDL automatically, I can compile it with no errors, everthing is fine.
- 2) just start IDL with no programs loaded, then type IDL> .comp aviKRtest I get syntax errors: aviParams = avi openw('c:\avi\testwrite.avi',24L,300L,400L,frameRate=2,o ptions=1)

% Syntax error.

So IDL did not find the dll, and thinks that the avi functions are arrays, hence

it reports a syntax error.

It does find aviKRtest and opens it in the ide.

The dll is in the same directory as aviKRtest.pro, which is in the path.

I've used routines with dlls a bunch of times and have not run into this before.

In fact I run this code fairly often, but I guess I use method 1 above and have

not noticed that there could be any problems.

I do use a sav routine for a widget that calls the above avi and it works great.

As is the rule of this newgroup, it is necessary for me to actually send this

message before I realize the simple obvious bozo the clown mistake I am making. :)

But feel free to post a response anyway.

Cheers,

bob

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The short code showing this behaviour is:

pro aviKRtest_junk,red, green, blue

roselmage = dist(500,500)
nFrames = 10

aviParams =
    avi_openw('c:\avi\testwrite.avi',24L,300L,400L,frameRate=2,o ptions=1)
for i=0,nFrames-1 DO BEGIN
    status = avi_put( aviParams, i, shift(roselmage,0,i*10,i*10))
    tv,shift(roselmage,0,i*10,i*10),/true
    endfor
    status = avi_closew(aviParams)

return
end
```