
Subject: Re: MrSID in IDL

Posted by [pavelsky](#) on Fri, 19 Oct 2012 02:03:08 GMT

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Thanks, Jim. That's very useful. I'll code it up and see if I can get everything to work.

Best,
Tamlin

On Thursday, October 18, 2012 9:03:18 PM UTC-4, Jim P wrote:

> On Thursday, October 18, 2012 4:44:30 PM UTC-6, pave...@gmail.com wrote:

>

>> On Thursday, October 18, 2012 6:37:29 PM UTC-4, Coyote wrote:

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>>> Tamlin writes:

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>>>> I'm trying to open a MrSID file in IDL--there shouldn't be anything complicated about it. There are a couple of ways of doing so, but neither one seems to be working.

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>>>> First, I try something simple like the following:
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>
>>>> fileInfo = QUERY_MRSID("/volumes/data/files/GRWD/Misc/N-06-60.sid")
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>>>> And I get the following error:
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>>>> % Variable is undefined: QUERY_MRSID
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>>>> Then, I try the other (object-oriented) method:
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>
>>>> Result = OBJ_NEW('IDLffMrSID', "/volumes/data/files/GRWD/Misc/N-06-60.sid")
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>>>> And I get the following error:
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>>>> OBJ_NEW: Dynamically loadable module is unavailable on this platform: MRSID.
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>>>> I've tried this on a Mac (OS 10.6.8) and on a PC (Windows 7), using IDL 7.1, 8.0, and 8.2.1.
Exactly the same errors. I've also tried it using the sample .sid file that is provided with IDL.
Same result, using exactly the same code that's in the help documents (with file path changed
appropriately).
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>>>> Any idea what might be going on?
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>>> Same results on my Windows 7 and LINUX machines running IDL 8.2.1.
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>>> Cheers,
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>>> David
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>> Glad to know I'm not crazy. Sounds like I may be sending my second support request to
Exelis in the last 2 days. . . hopefully this one turns out as well as the last one did.
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>> Tamlin
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> At the top of the documentation page for IDLffMrSID, there's a link for "IDL Feature Support".
Unless you're running the 32-bit IDL executable (or an IDL_IDLBridge) on Windows, you'll be out
of luck, assuming the documentation is up-to-date.
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>
> Here's a handy trick to access to access 32-bit-only functionality from a 64-bit Windows IDL
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process. This comes in handy for accessing DXF files as well.

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>
> IDL> b = idl_idlbridge(ops=32)
>
> % Loaded DLM: IDL_IDLBRIDGE.
>
> IDL> b->execute, 'o = obj_new("idlffmrsid", filepath(subdir=["examples", "data"], "test_gs.sid"))'
>
> IDL> b->execute, 'data = o->getimagedata(level=3)'
>
> IDL> d=b->getvar('data')
>
> IDL> help, d
>
> D          BYTE    = Array[1, 64, 64]
```
