LoadIFilter() returns -2147467259 for some PDF files

Asked 15 years, 9 months ago   Modified 10 years ago   Viewed 4k times

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I am trying to use Adobe IFilter to search PDF files. My code is written in C# and I am using p/invoke to get an instance of IFilter:

```
[DllImport("query.dll", SetLastError = true, CharSet = CharSet.Unicode)]
private extern static int LoadIFilter(
    string pwcsPath,
    [MarshalAs(UnmanagedType.IUnknown)] object pUnkOuter,
    ref IFilter ppIUnk);
```

This works for most PDF files except a few for which this method returns -2147467259 and ppIUnk is coming as null. Does anyone have this type of errors or have any suggestions of how to figure this out?

`c#` `pdf` `adobe` `ifilter`

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edited Jan 22, 2010 at 15:39
dthrasher
41.7k ● 34 ● 116 ● 142

asked Mar 27, 2009 at 14:49
Michael Larionov
480 ● 1 ● 5 ● 16

4 Answers

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See the [MSDN docs](#) for the `LoadIFilter` function - you *should* be getting one of the error codes, at least according to that page.

- E_ACCESSDENIED = `0x80070005` - The function was denied access to the filter file.

- E_HANDLE = `0x80070006` - The function encountered an invalid handle, probably due to a low-memory situation.

- E_INVALIDARG = `0x80070057` - The function received an invalid parameter.

- E_OUTOFMEMORY = `0x8007000E` - The function did not have sufficient memory or other resources to complete the operation.

- E_FAIL = `0x80000008` - The function encountered an unknown error.

(Also, the full set of constant values is listed [here](), which seems to be rather longer than that listed on MSDN.) Now, the interesting things is, your error code corresponds to `80004005` in hex, which isn't listed on either or those pages. I'm suspecting pinvoke.net may have it wrong however, as many other sites ([this]() for example) list it as `E_FAIL` ... not that it really helps anyway. Sorry for the inconclusive answer, but maybe it will point you along the right track at least.

Edit: This error seems to have been documented elsewhere and caused much confusion to many people, with no simple solution. It seems like the cause could be one of several in fact... There's various suggestions [here]() and [here]() that you may want to try, but I don't think I can help you any more than that, as I have never encountered this error myself in this context. Good luck anyway...

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edited Mar 27, 2009 at 15:19

answered Mar 27, 2009 at 14:54

Noldorin
147k ● 56 ● 272 ● 307

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Here's how I solved it:

Uninstall Adobe Reader/Acrobat. Install the latest version (again). It should fix the pdf filters. Good luck.

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answered Oct 11, 2010 at 14:43

peerLAN
41 ● 1 ● 1 ● 2

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To get around the E_FAIL for Adobe 10.x, please see
https://stackoverflow.com/a/8841476/455322

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edited May 23, 2017 at 12:13

Community Bot
1 ● 1

answered Jan 12, 2012 at 20:07

Les
10.6k ● 4 ● 42 ● 61

0

I got the same result when running LoadIFilter until I found [this]() post which pointed me to the solution:

Make sure that your build platform target is `x86` and avoid running the application from within Visual Studio.

Also, if you can move your code that interacts with the IFilter into a separate .exe application with the name *filtdump.exe*, you will simplify your code considerably.

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