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Group E

Office 2019 | Finding ExcellImports files

Aldo Miguel Hernandez Rodriguez · 4/23/19

12

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A

Aldo Miguel Hernandez Rodriguez

Joined: 11/7/18

Messages: 24

Points: 263

4/23/19

#1

Hello everyone,

I am writing about this topic because I didn't find any thread that mentioned Office 2019 and talked about the possible difficulties to find the files required to connect with Excel (mso.dll, vbe6ext.olb, excel.exe).

For Office 2019, Microsoft has changed its installation technology from Windows Installer (MSI) to Click-to-run, which uses virtualization and streaming technologies to allow full functionality for Office applications before the whole product has been fully downloaded. The full product is then downloaded gradually in the background.

In these cases, the mentioned files are nowhere to be found and a manual installation of the whole Office applications is required in order for the files to be available.

These were my default installation directories:

C++:

1

"C:\Program Files (x86)\Microsoft Office\root\vfs\ProgramFilesC

2

"C:\Program Files (x86)\Microsoft Office\root\vfs\ProgramFilesC

3

"C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.E

Funny that Excel 2019 files are saved in an Office16 folder.

Cheers!

Aldo

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Eric Kopen, Icon, ytlithium and 9 others

A

APalley

Joined: 12/10/09

Messages: 52,327

Points: 1,273

4/23/19

#2

Very helpful, thank you!

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Aldo Miguel Hernandez Rodriguez

U

Udbhav A

8/7/20

#3

Does this mean a manual installation of excel is required? Would i have to delete my current office suite and redownload the source files?

U

Udbhav A

Joined: 4/30/20

Messages: 95

Points: 128

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8/7/20

#4

@APalley ,

My .EXE is present here,

C:\Program Files\WindowsApps\Microsoft.Office.Desktop.Excel_16051.13001.20384.0_**KEY DELETED FOR PRIVACY PURPOSE**\Office16

I would imagine that the root filter is in the windows apps folder however, as per the system I cannot access it since it is secure folder from microsoft.

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naive

U

Udbhav A

Joined: 4/30/20

Messages: 95

Points: 128

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#5

@APalley ,

If i try to navigate through C:\Program Files\ the Windows Apps folder does not even show up there.

Report

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naive

U

Udbhav A

Joined: 4/30/20

Messages: 95

Points: 128

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#6

@APalley ,

The MSO.dll is not in the Office 16 folder either. I have searched all over, and looked thoroughly within the office 16 folder. What am i missing?

Attachments

2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	File folder
2016-08-07 11:08	Application
2016-08-07 11:08	Microsoft File
2016-08-07 11:08	Microsoft File
2016-08-07 11:08	Application note
2016-08-07 11:08	Application
2016-08-07 11:08	Application note

OFFICE_16-File.PNG

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A

APalley 

Joined: 12/10/09
Messages: 52,327
Points: 1,273

8/7/20

[Share](#) [Bookmark](#) #7Udbhav A said: 

@APalley ,

The MSO.dll is not in the Office 16 folder either. I have searched all over, and looked thoroughly within the office 16 folder. What am i missing?

Where did you find the Office 16 folder? Based on the previous posts, I thought you could not find it.

Do you have hidden/system files set as visible?

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naive

U

Udbhav A

Joined: 4/30/20
Messages: 95
Points: 128

8/7/20

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@APalley ,

1. Yes, I could not find the "Office 16" folder since it is in the WindowsApp which is hidden and not accessible. When i treid to located the Excel.exe, I got thie C:\Program Files\WindowsApps\Microsoft.Office.Desktop.Excel_16051.13001.20384.0_**KEY DELETED FOR PRIVACY PURPOSE**\Office16 path.

So i was able to see whats in office 16. If i try to access , C:\Program Files\WindowsApps i get told by the system that microsfst has secured these files as private, and not accessible. So I cannot find the VBA folder. Also unable to find MSO.dll in the office 16 folder itself.

2. I do not know what this means. How di change this setting.

Do you have hidden/system files set as visible?

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A

APalley

Joined: 12/10/09

Messages: 52,327

Points: 1,273

8/7/20

#9

See [How to See Hidden System Files in Windows 10](#)

You may also find this thread helpful, looks like she had the same setup as yours: <https://quantnet.com/threads/gain-access-to-hidden-windowsapps-in-windows10.39599/post-249418>

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Udbhav A

U

Udbhav A

Joined: 4/30/20

Messages: 95

Points: 128

8/7/20

#10

@APalley ,

Thanks!

Report

Like

Reply

U

Udbhav A

Joined: 4/30/20

Messages: 95

Points: 128

8/7/20

#11

Aldo Miguel Hernandez Rodriguez said: ↗

Hello everyone,

I am writing about this topic because I didn't find any thread that mentioned Office 2019 and talked about the possible difficulties to find the files required to connect with Excel (see all the posts about excel.exe)

Click to expand...

Thanks ! This was extremely helpful !

Report

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Aldo Miguel Hernandez Rodriguez

U

Udbhav A

Joined: 4/30/20

8/7/20

#12

Hello @APalley ,

The import is unsuccessful as the file is unable to be opened. Could you please provide some input as to why that is?

Messages: 95
Points: 128

[Report](#)[Like](#) [Reply](#)**C****CameronKenworthy**

Joined: 3/9/21
Messages: 34
Points: 118

12/19/21

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Hi @APalley,

I've run into an issue related to this that doesn't seem to have been addressed in other threads.

The WindowsApp folder is not visible (even when hidden files are set as visible). I've searched my whole C:drive and can't seem to find it. This also goes for the Office 16 folder, or any version of Office at that. I've had Office installed and I went ahead and reinstalled the apps to see if that would resolve the issue but that did not. Googling hasn't provided an answer either. Do you have any thoughts at where to begin?

I know these issues are rather tedious and I appreciate the help.

[Report](#)[Like](#) [Reply](#)**C****CameronKenworthy**

Joined: 3/9/21
Messages: 34
Points: 118

12/19/21

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CameronKenworthy said:

Hi @APalley,

I've run into an issue related to this that doesn't seem to have been addressed in other threads.

[Click to expand...](#)

I've found an "mso.dll" file but I'm not sure if this is the correct one? The file path is:

C:\Program Files (x86)\Microsoft Visual Studio\2019\Community\Common7\Packages\vwd\mso.dll

[Report](#)[Like](#) [Reply](#)**W****WZhang**

Joined: 5/22/20
Messages: 1,393

12/19/21

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CameronKenworthy said:

Hi @APalley,

I've run into an issue related to this that doesn't seem to have been addressed in other threads.

Check your program files for microsoft office and check for the root

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C

CameronKenworthy



Joined: 3/9/21
Messages: 34
Points: 118

12/19/21

[🔗](#) [🔖](#) #16

WZhang said: [👤](#)

Check your program files for microsoft office and check for the root

Thanks for the prompt response. I looked in the root folder and it didn't seem to be there. I went ahead and restarted my computer and the WindowsApp folder is not visible. I followed [these](#) instruction to change ownership but it doesn't seem to be working. Once ownership is changed, it still says I "don't currently have permission to access this folder."

I am going to restart my computer again and hope for the best.

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C

CameronKenworthy



Joined: 3/9/21
Messages: 34
Points: 118

12/19/21

[🔗](#) [🔖](#) #17

CameronKenworthy said: [👤](#)

Thanks for the prompt response. I looked in the root folder and it didn't seem to be there. I went ahead and restarted my computer and the WindowsApp folder is not visible. I followed [these](#) instruction to change ownership but it doesn't seem to be working. Once ownership is changed, it still says I "don't currently have permission to access this folder."

I am going to restart my computer again and hope for the best.

@WZhang Unfortunately, I'm still not able to access WindowsApps even when I change the ownership to administrator (myself).

Going back to the root folder, I found this:

C:\Program Files\Microsoft Office\root\vfs\ProgramFilesCommonX86\Microsoft Shared\OFFICE16\MSO.DLL

I think this might be it?

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W

WZhang



12/19/21

[🔗](#) [🔖](#) #18

CameronKenworthy said: [👤](#)

@WZhang Unfortunately, I'm still not able to access WindowsApps even when I change the ownership to administrator (myself).

Going back to the root folder, I found this:

C:\Program Files\Microsoft Office\root\vfs\ProgramFilesCommonX86\Microsoft

Joined: 5/22/20

Messages: 1,393

Points: 373

Shared\OFFICE16\MSO.DLL

I think this might be it?

Yes

Report

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C

CameronKenworthy



Joined: 3/9/21

Messages: 34

Points: 118

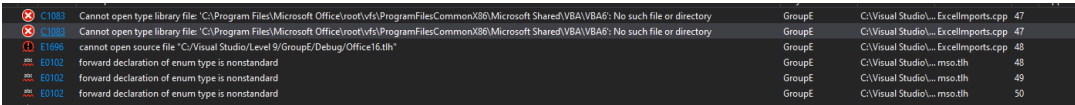
12/19/21

#19

WZhang said: ↑

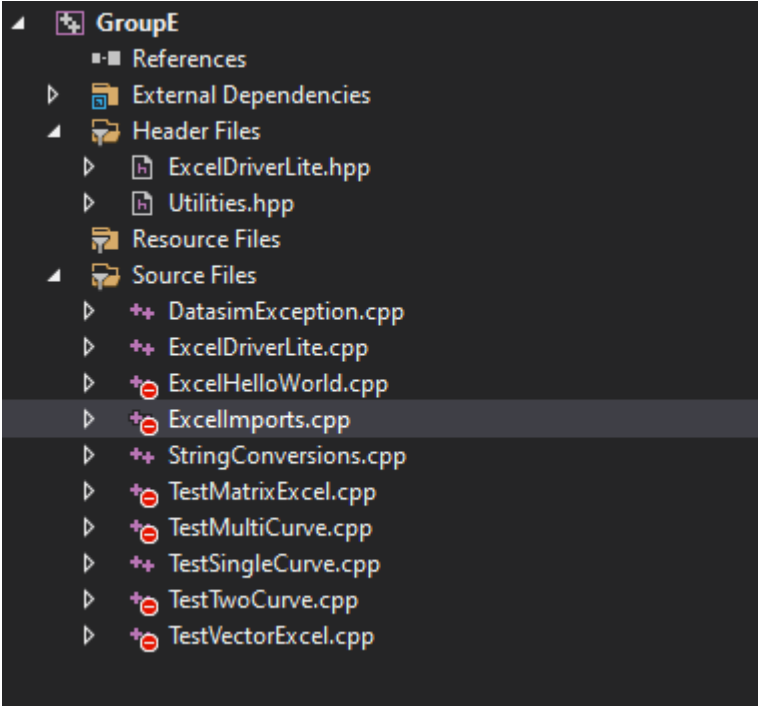
Yes

Thanks, @Wzang. It looks like the MSO.dll file was included but the other two files produce the following errors even though the file paths are correct:



It looks like another student had a [similar issue](#) but the solution wasn't entirely clear. Here's some more context:

my project (not entirely sure what to exclude from build and what to include given that the files are different than what appears on the homework pdf):



my #import code:

```
C++:
#import "C:\Program Files\Microsoft Office\root\vfs\ProgramFile
        rename("DocumentProperties", "DocumentPropertiesXL") re
#import "C:\Program Files\Microsoft Office\root\vfs\ProgramFile
```



```
5 #import "C:\Program Files\Microsoft Office\root\Office16" \ \  
6 rename("DialogBox", "DialogBoxXL") rename("RGB", "RGBXL") \  
7 rename("DocumentProperties", "DocumentPropertiesXL") \  
8 rename("ReplaceText", "ReplaceTextXL") \  
rename("CopyFile", "CopyFileXL") no_dual_interfaces
```

Report

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W

WZhang



Joined: 5/22/20
Messages: 1,393
Points: 373

#20

CameronKenworthy said: ↗

Thanks, @Wzhang. It looks like the MSO.dll file was included but the other two files produce the following errors even though the file paths are correct:
[View attachment 42443](#)

It looks like another student had a [similar issue](#) but the solution wasn't entirely clear

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For vba6, you need the .olb file.

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