

## RE: Office 2007 "\_\_missing\_type\_\_" while importing msword.olb

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*Source:*

[http://www.tech-archive.net/Archive/Office/microsoft.public.office.developer.com.add\\_ins/2007-10/msg00040.html](http://www.tech-archive.net/Archive/Office/microsoft.public.office.developer.com.add_ins/2007-10/msg00040.html)

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- *From:* [jjalge@xxxxxxxxxxxxxxxxxxxxxxx](mailto:jjalge@xxxxxxxxxxxxxxxxxxxxxxx) (Jialiang Ge [MSFT])
  - *Date:* Mon, 15 Oct 2007 01:34:57 GMT
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Hello Mark,

Thank you for your reply in the post "Office 2007 "\_\_missing\_type\_\_" while importing msword.olb". According to the MSDN article "Compiler Warning (level 1) C4772"

[http://msdn2.microsoft.com/en-us/library/sce74ah7\(VS.80\).aspx](http://msdn2.microsoft.com/en-us/library/sce74ah7(VS.80).aspx), the error "\_\_missing\_type\_\_" means that a type library is referenced with #import directive. However, the type library contains a reference to another type library that was not referenced with #import. That is to say, some prerequisite type library is not #imported. But when I checked the reference section of MSWORD.olb and MSOUTL.olb with OLE View (<https://www.microsoft.com/downloads/details.aspx?FamilyID=9d467a69-57ff-4ae7-96ee-b18c4790cffd&displaylang=en>), I find that the only two prerequisites are MSO.DLL and VBE6EXT.OLB, and we have already imported them before MSWORD.OLB and MSOUTL.OLB. Because importing Office 2007 type libraries on a system with Office 2003 is not a supported behavior, the compilation result is unpredictable based on our tests: It may either pass the compilation directly, or fail in the first run, but pass in the second, or even cannot pass the compilation at all. According to the KB article <http://support.microsoft.com/kb/244167>, if you do want to use functionality in a newer version of Office (like Office 2007), but you are developing a project that must work on systems that contain more than one version, we should use \*late binding\* to make the call, instead of referencing the type library of a certain Office application.

For your second question about how to reuse the .tlh and .tli files, please refer to the following steps. But because it is also not an expected behavior, the compilation result is unpredictable.

1. Copy the .tlh and .tli files out and change the original #include path in .tlh;  
e.g. #include "f:\test\debug\somelib.tli" -> #include "somelib.tli"
2. Save the change and copy it to the destination project;
3. Directly include the .tlh file in the destination project.

If you have any other concern or need anything else, please feel free to let me know.

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Sincerely,  
Jialiang Ge (jialge@xxxxxxxxxxxxxxxxxxxxxx, remove 'online.')

Microsoft Online Community Support

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