Notes for Win32COM Videos

Link to Excel Connection Strings: <https://www.connectionstrings.com/excel/>

Link to Gen-Py Folder: C:\Users\Alex\AppData\Local\Temp\gen\_py\3.7

Link to Win32 Folder: C:\Users\Alex\Anaconda3\pkgs\pywin32-223-py37hfa6e2cd\_1\Lib\site-packages

Microsoft Documentation OLE Automation:

<https://docs.microsoft.com/en-us/windows/desktop/api/_automat/>

Microsoft Documentation Visual Studio SDK:

<https://docs.microsoft.com/en-us/dotnet/api/envdte?view=visualstudiosdk-2017>

Microsoft Documentation COM Object Model:

<https://docs.microsoft.com/en-us/windows/desktop/com/component-object-model--com--portal>

PyWin32 Documentation:

<http://timgolden.me.uk/pywin32-docs/contents.html>

Python COM Documentation:

<http://timgolden.me.uk/pywin32-docs/com.html>

C++ Source Code PythonCOM

<https://github.com/Travis-Sun/pywin32/blob/master/com/win32com/src/PyIDispatch.cpp#L290>

Automation Interfaces:

<https://docs.microsoft.com/en-us/previous-versions/windows/embedded/ms885697(v%3dmsdn.10)>

PARAMFLAG Constants:

<https://docs.microsoft.com/en-us/previous-versions/windows/desktop/automat/paramflags>

VARIANT TYPE Constants:

<https://docs.microsoft.com/en-us/openspecs/windows_protocols/ms-oaut/3fe7db9f-5803-4dc4-9d14-5425d3f5461f>

PARAMFLAG .NET Framework:

<https://docs.microsoft.com/en-us/dotnet/api/system.runtime.interopservices.comtypes.paramflag?view=netframework-4.8>

PyIDispatch Object –

Import Files to Keep in mind

Filename: makepy.py

Location: win32com/client

Desc: Generate a .py file from an OLE TypeLibrary file.

Filename: gencache.py

Location: win32com/client

Desc: This file manages the cache of generated Python code. When run from the command line, it also provides a number of options for managing that cache.

Filename: dynamic.py

Location: win32com/client

Desc: Dynamic COM client support is the ability to use a COM server without prior knowledge of the server.

Filename: build.py

Location: win32com/client

Desc: Contains knowledge to build a COM object definition. This module is used by both the @dynamic@ and @makepy@ modules to build all knowledge of a COM object. This module contains classes which contain the actual knowledge of the object. This include parameter and return type information, the COM dispid and CLSID, etc. Other modules may use this information to generate .py files, use the information dynamically, or possibly even generate .html documentation for objects.

Filename: \_\_init\_\_.py

Location: win32com/client

Desc: This module exists to create the "best" dispatch object for a given object. If "makepy" support for a given object is detected, it is used, otherwise a dynamic dispatch object.