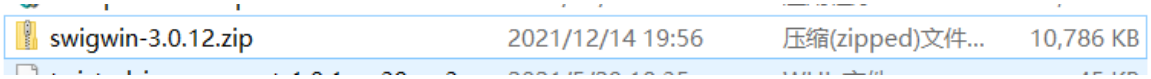
安装 pyhook3

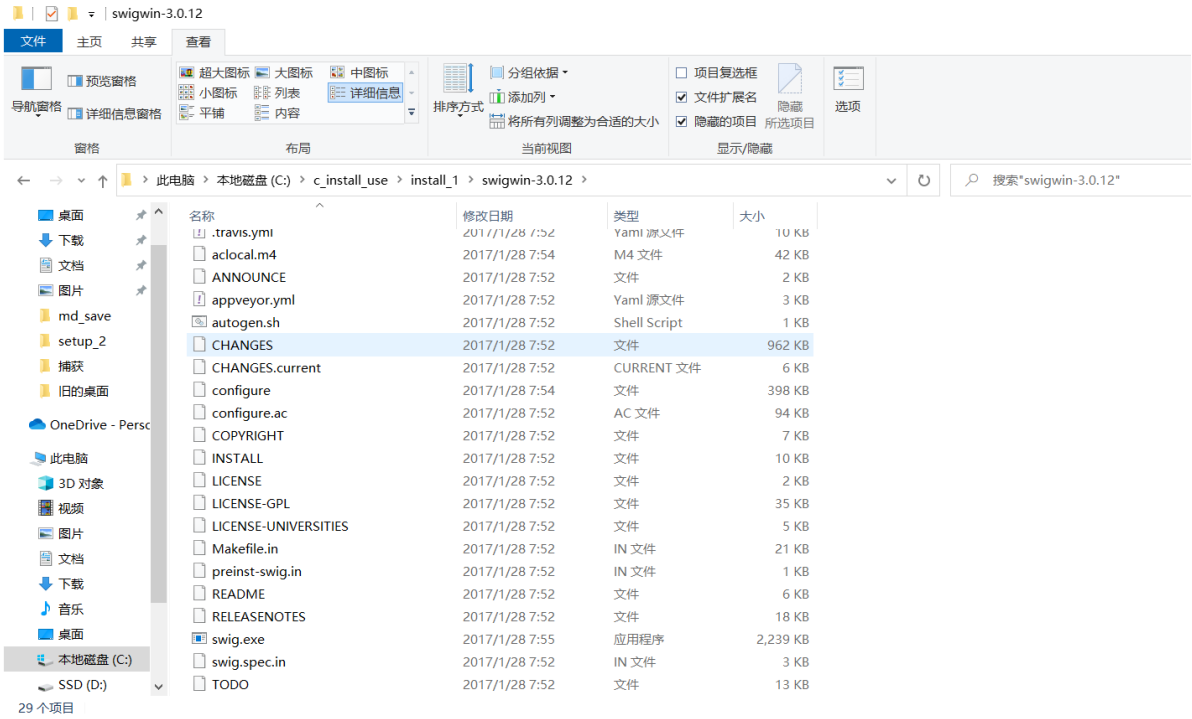
一、安装swig

下载地址：https://sourceforge.net/projects/swig/
下载得到一个压缩包

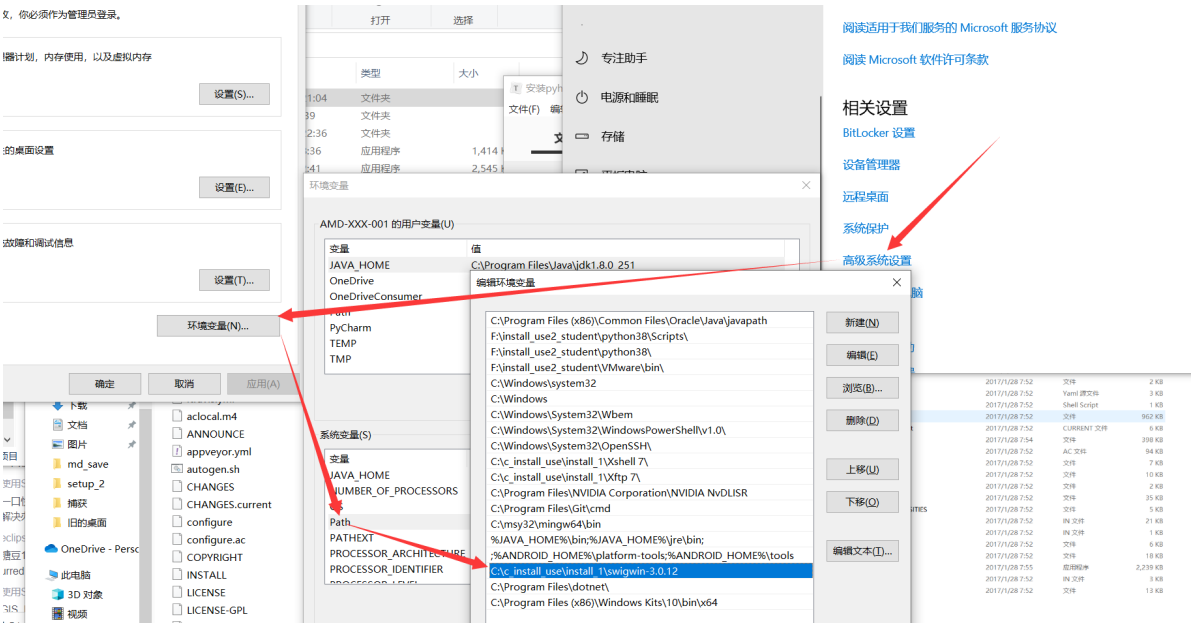


解压后 将这个目录添加到环境变量

我的目录是个



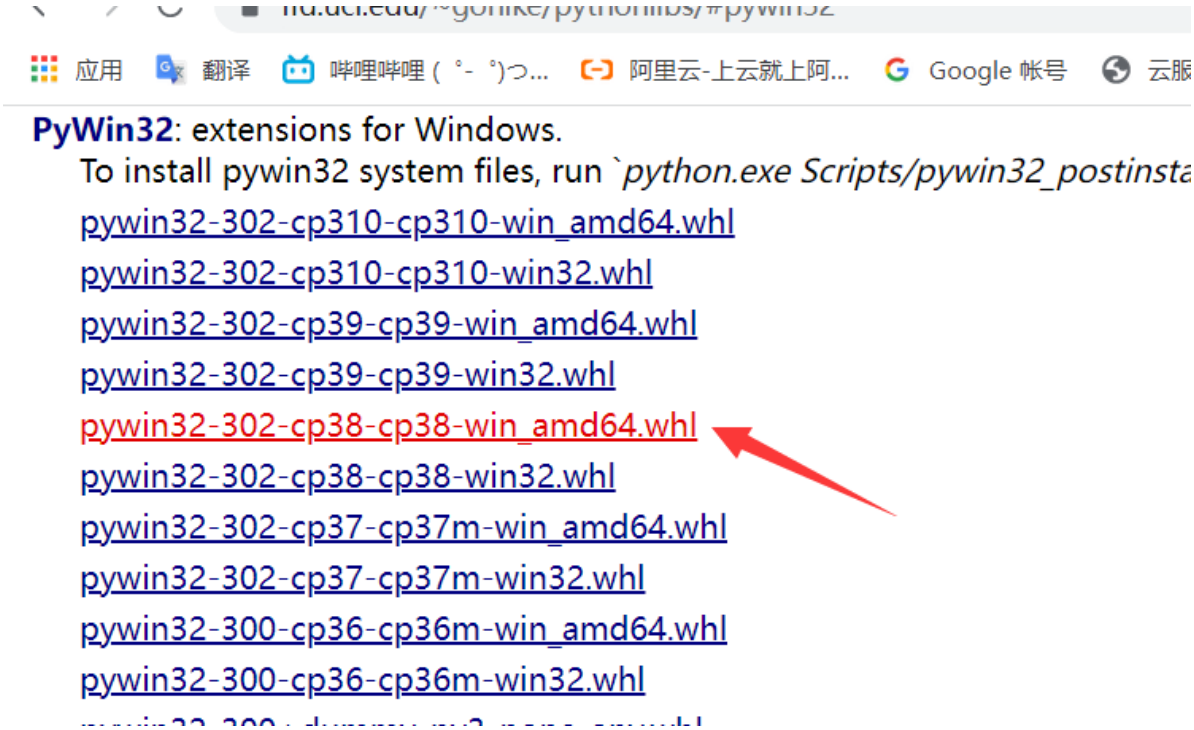
就把这个添加到环境变量中



二、安装pywin32

下载地址http://www.lfd.uci.edu/~gohlke/pythonlibs/#pywin32

选择适合自己python版本的下载 我的是python3.8 故下载



下载完成后 用pip install进行安装

三、安装pyhook3

做完准备工作即可使用pip 进行安装

终端键入pip install pyhook3 安装成功

```
C:\c_install_use\pycharm_github\pythonProject\scrapyproject>pip install pyhook3
Collecting pyhook3
  Using cached PyHook3-1.6.1.tar.gz (12 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: pyhook3
  Building wheel for pyhook3 (setup.py) ... done
  Created wheel for pyhook3: filename=PyHook3-1.6.1-cp38-cp38-win_amd64.whl size=27071 sha256=0f331fe678531c316ba662cbc0ce8168d716955d077e6d93bd095
4866f8077a6
  Stored in directory: c:\users\amd-xxx-001\appdata\local\pip\cache\wheels\31\0c\5e\1538453082ce4f56ad9f4af696821c729d128041f3d08c5812
Successfully built pyhook3
Installing collected packages: pyhook3
Successfully installed pyhook3-1.6.1

C:\c_install_use\pycharm_github\pythonProject\scrapyproject>
```

四、报错解决Microsoft visual c++ 14.0 is required

方法一 下载visual c++ build tools

参考博文 https://blog.csdn.net/u012247418/article/details/82314129

如果出现安装包受损或丢失

参考以下博文https://blog.csdn.net/qq_15158911/article/details/107887490

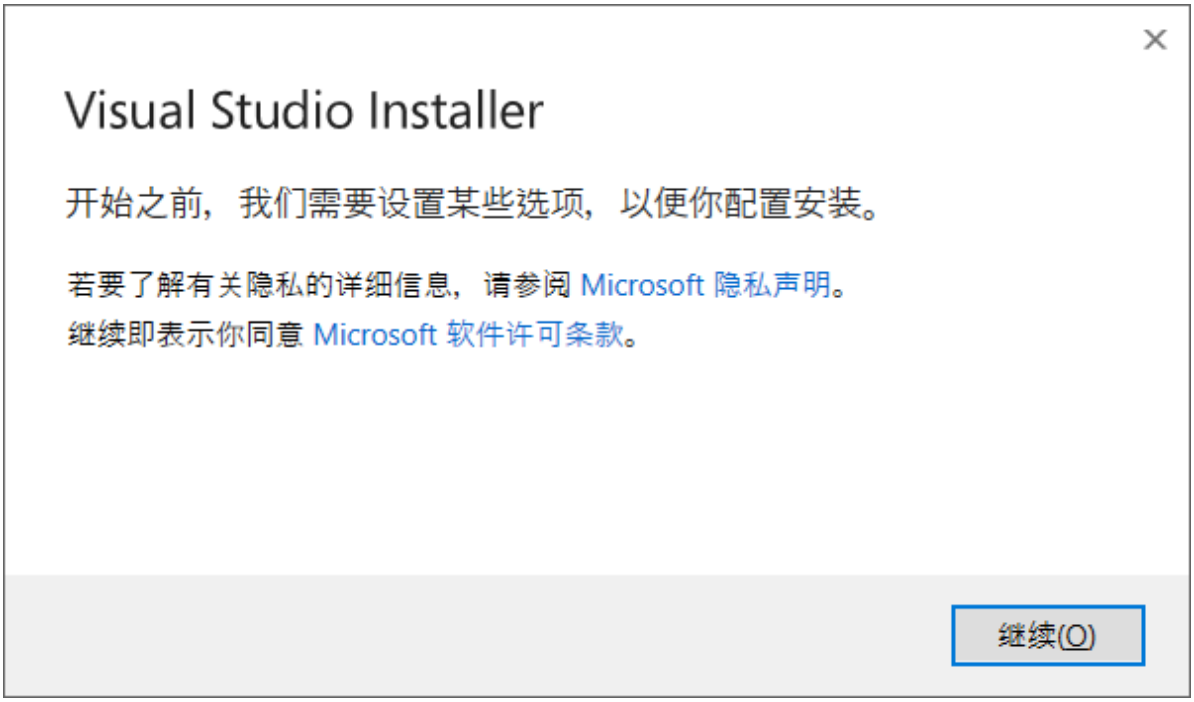
如果无法解决 请参考方法二

方法二 下载visual stdio 2019

下载地址https://visualstudio.microsoft.com/zh-hans/vs/older-downloads/#visual-studio-2019-and-other-products

下载后得到安装包并双击打开

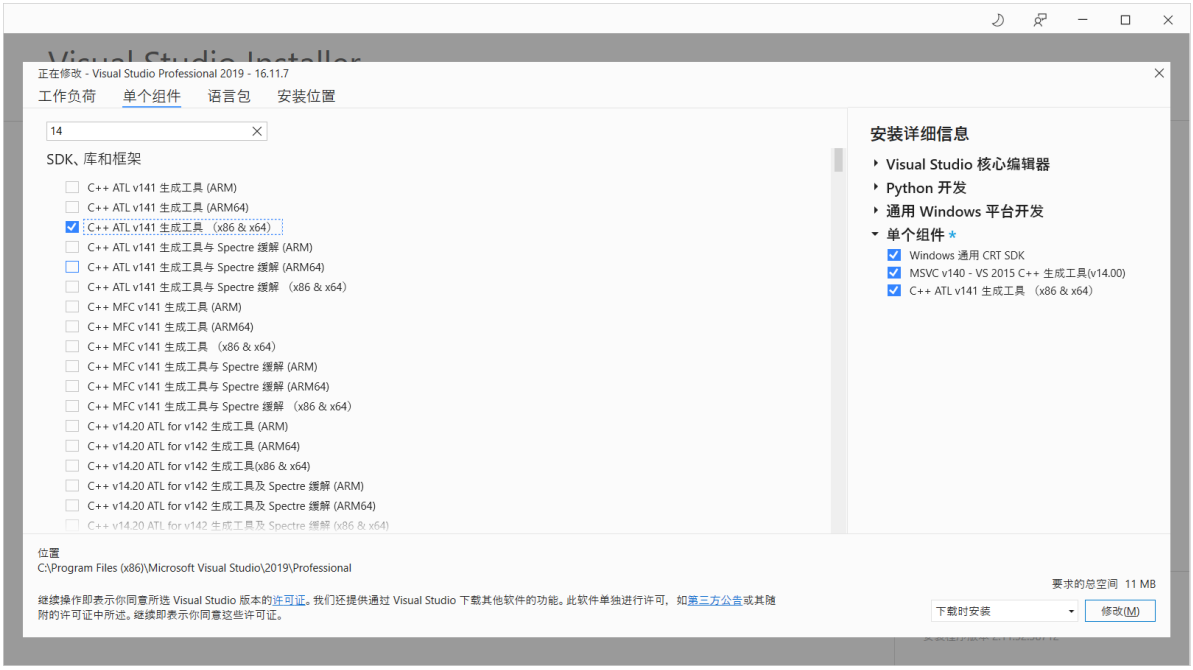
名称	修改日期	类型	大小
vs_professional__2c87db2dfa4e473b8783b98804bdaea5.exe	2021/12/14 20:42	应用程序	1,431 KB



然后等待下载进入界面 勾选一个工作负荷



然后在单个组件中搜索14 勾选如下



等待安装完毕 再次使用终端运行

如果出现（1）

```
running build
running build_py
creating build
creating build\lib.win-amd64-3.8
creating build\lib.win-amd64-3.8\PyHook3
copying aa hook.py -> build\lib.win-amd64-3.8\PyHook3
copying cpyHook.py -> build\lib.win-amd64-3.8\PyHook3
copying doc.py -> build\lib.win-amd64-3.8\PyHook3
copying example.py -> build\lib.win-amd64-3.8\PyHook3
copying HookManager.py -> build\lib.win-amd64-3.8\PyHook3
copying __init__.py -> build\lib.win-amd64-3.8\PyHook3
running build_ext
building 'PyHook3._cpyHook' extension
swigging cpyHook.i to cpyHook_wrap.c
C:\c_install_use\install_1\swigwin-3.0.12\swig.exe -python -o cpyHook_wrap.c cpyHook.i
creating build\temp.win-amd64-3.8
creating build\temp.win-amd64-3.8\Release
C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\BIN\x86_amd64\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -IF:\ins
tall_use2_student\python38\include -IF:\install_use2_student\python38\include "-IC:\Program Files (x86)\Microsoft Visual
 Studio 14.0\VC\INCLUDE" "-IC:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\ATLMFC\INCLUDE" "-IC:\Program Files (
x86)\Windows Kits\10\include\10.0.10240.0\ucrt" /TccpyHook_wrap.c /Fobuild\temp.win-amd64-3.8\Release\cpyHook_wrap.obj
cpyHook_wrap.c
f:\install_use2_student\python38\include\pyconfig.h(205): fatal error C1083: 无法打开包括文件: “basetsd.h”: No such file
 or directory
error: command 'C:\\Program Files (x86)\\Microsoft Visual Studio 14.0\\VC\\BIN\\x86_amd64\\cl.exe' failed with exit stat
us 2
```

打开文件夹C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\bin\x86_amd64点击cl.exe

如果报错mspdb140.dll缺少 则解决问题 下载一个并安装

参考文章 脚本之家https://www.jb51.net/dll/mspdb140.dll.html

脚本下载地址 https://dcmyd.jb51.net/dll/2018/mspdb140_jb51.rar

装好后继续运行即可成功安装

如果出现（2）

完成代码生成缺无法运行rc.exe VS14.0 link.exe failed with exit status 1158

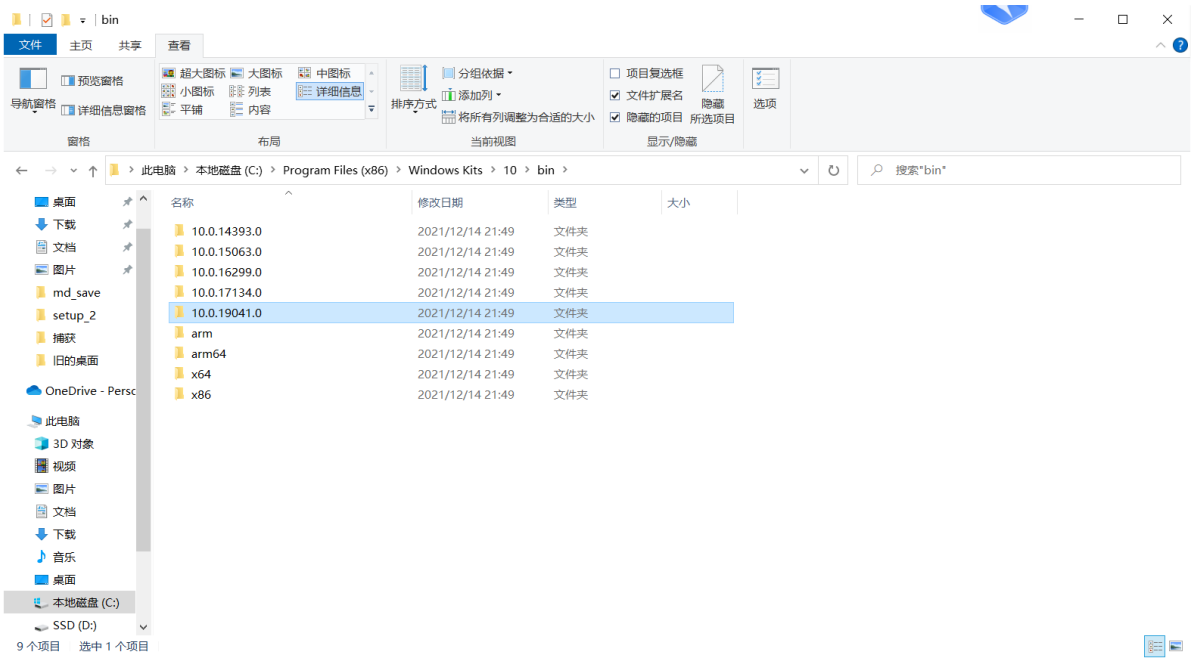
已经安装好buildTools 开始报这个错 或者已经安装好vs stdio 2019 报错

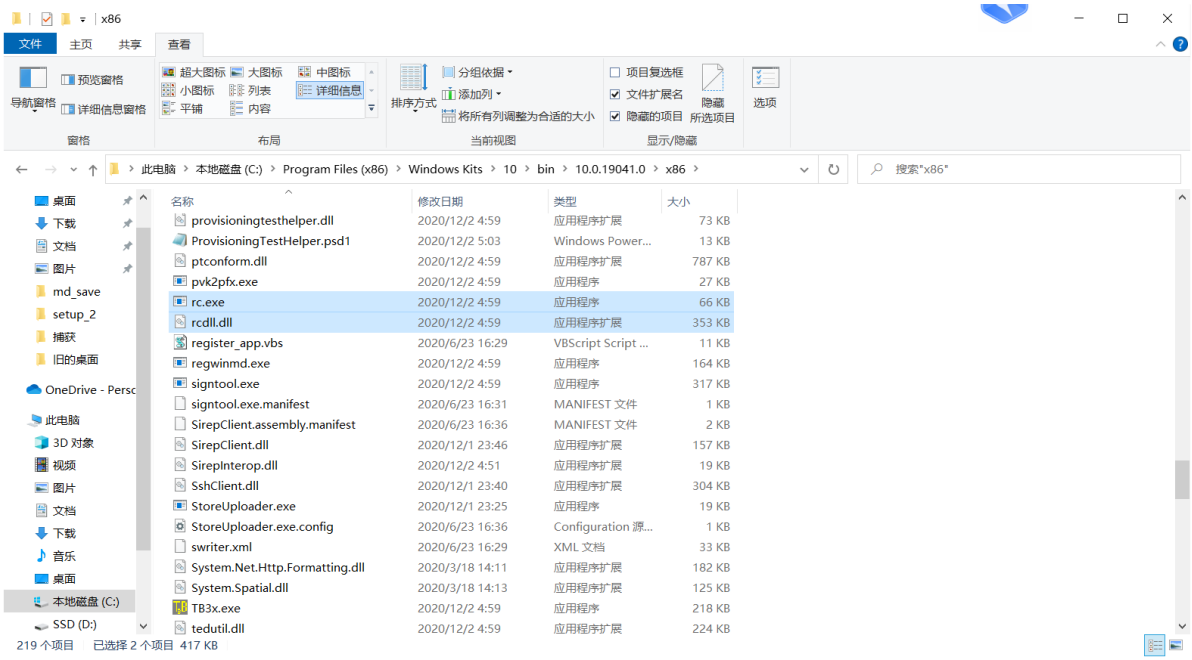
```
creating build\temp.win-amd64-3.8
creating build\temp.win-amd64-3.8\Release
C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\BIN\x86_amd64\cl.exe /c /nologo /Ox /W3 /GL /DNDEBUG /MD -IF:\ins
tall_use2_student\python38\include -IF:\install_use2_student\python38\include "-IC:\Program Files (x86)\Microsoft Visual
 Studio 14.0\VC\INCLUDE" "-IC:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\ATLMFC\INCLUDE" "-IC:\Program Files (
x86)\Windows Kits\10\include\10.0.19041.0\ucrt" "-IC:\Program Files (x86)\Windows Kits\10\include\10.0.19041.0\shared" "
-IC:\Program Files (x86)\Windows Kits\10\include\10.0.19041.0\um" "-IC:\Program Files (x86)\Windows Kits\10\include\10.0
.19041.0\winrt" /TccpyHook_wrap.c /Fobuild\temp.win-amd64-3.8\Release\cpyHook_wrap.obj
cpyHook_wrap.c
cpyHook_wrap.c(3320): warning C4244: “函数”: 从“WPARAM”转换到“int”，可能丢失数据
cpyHook_wrap.c(3321): warning C4244: “=”: 从“LRESULT”转换到“long”，可能丢失数据
cpyHook_wrap.c(3375): warning C4244: “=”: 从“LRESULT”转换到“long”，可能丢失数据
C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\BIN\x86_amd64\link.exe /nologo /INCREMENTAL:NO /LTCG /DLL /MANIFE
ST:EMBED,ID=2 /MANIFESTUAC:NO /LIBPATH:F:\install_use2_student\python38\libs /LIBPATH:F:\install_use2_student\python38\P
Cbuild\amd64 "/LIBPATH:C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\LIB\amd64" "/LIBPATH:C:\Program Files (x86
)\Microsoft Visual Studio 14.0\VC\ATLMFC\LIB\amd64" "/LIBPATH:C:\Program Files (x86)\Windows Kits\10\lib\10.0.19041.0\uc
rt\x64" "/LIBPATH:C:\Program Files (x86)\Windows Kits\10\lib\10.0.19041.0\um\x64" user32.lib /EXPORT:PyInit__cpyHook bui
ld\temp.win-amd64-3.8\Release\cpyHook_wrap.obj /OUT:build\lib.win-amd64-3.8\PyHook3\_cpyHook.cp38-win_amd64.pyd /IMPLIB:
build\temp.win-amd64-3.8\Release\_cpyHook.cp38-win_amd64.lib
cpyHook_wrap.obj : warning LNK4197: 多次指定导出“PyInit__cpyHook”；使用第一个规范
  正在创建库 build\temp.win-amd64-3.8\Release\_cpyHook.cp38-win_amd64.lib 和对象 build\temp.win-amd64-3.8\Release\_cpyHo
ok.cp38-win_amd64.exp
正在生成代码
已完成代码的生成
LINK : fatal error LNK1158: 无法运行“rc.exe”
error: command 'C:\\Program Files (x86)\\Microsoft Visual Studio 14.0\\VC\\BIN\\x86_amd64\\link.exe' failed with exit st
atus 1158
```

解决方法 ##参考博文https://blog.csdn.net/qq_42849269/article/details/83275998

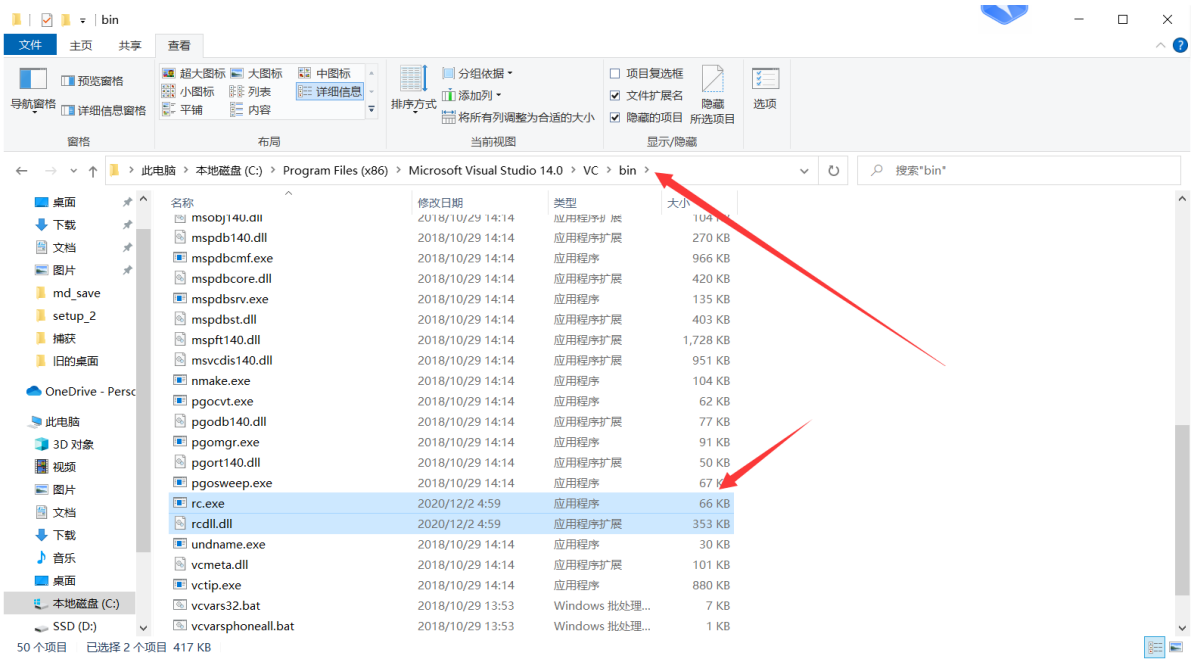
1、将C:\Program Files (x86)\Windows Kits\10\bin\x64 加入环境变量

2、从C:\Program Files (x86)\Windows Kits\10\bin\10.0.19041.0\x86 （在bin中找最新的那个）里复制rc.exe rcdll.dll 这两个文件到C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC\bin 目录下





复制过来



再次运行pip install pyhook3 即可安装成功