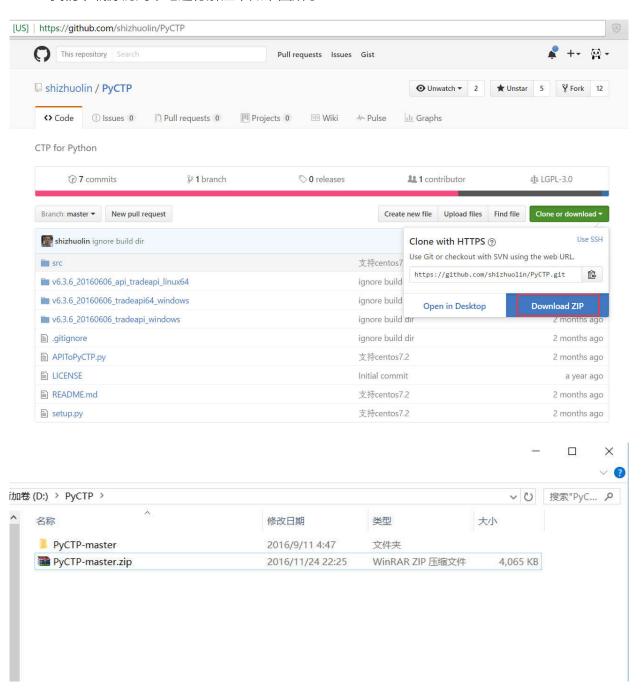
PyCTP 编译方法

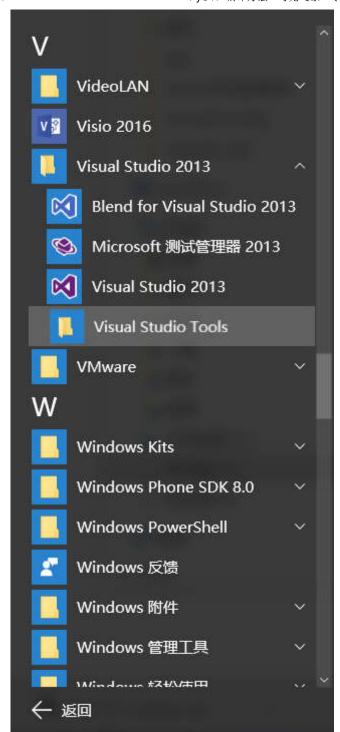
开发环境: windows 10 64bit, python 3.4.3 32bit, Visual Studio 2013

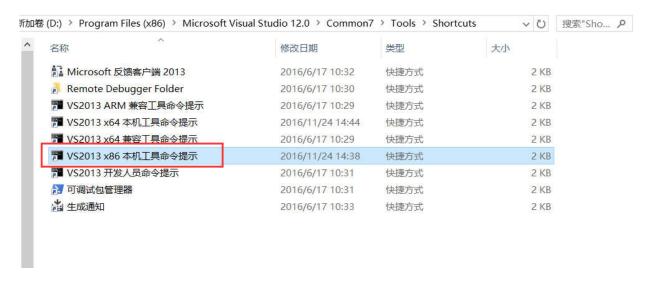
• 下载源码 我们下载源码到本地进行解压,如下图所示:





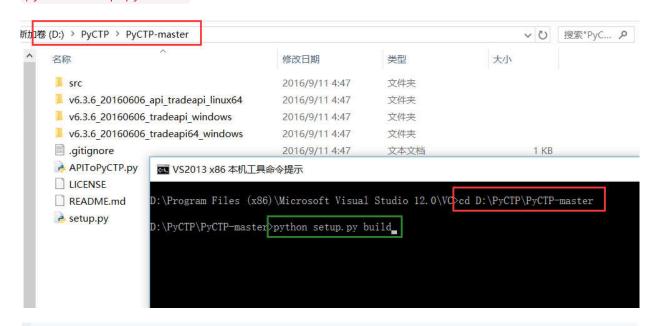
进行编译 通过开始菜单,找到Visual Studio 2013的Visual Studio Tools,本机python版本为python 3.4.3 32bit,故采用x86命令行。





编译命令为

python setup.py build



编译中错误处理 如果遇到如下错误:

error C2447: "{": 缺少函数标题(是否是老式的形式表?) error: command 'D:\\Program Files (x86)\\Microsoft Visual Studio 12.0\\VC\\BIN\\cl.exe' failed with exit status 2

或者

warning C4819: 该文件包含不能在当前代码页(936)中表示的字符。请将该文件保存为 Unicode 格式 以防止数据丢失

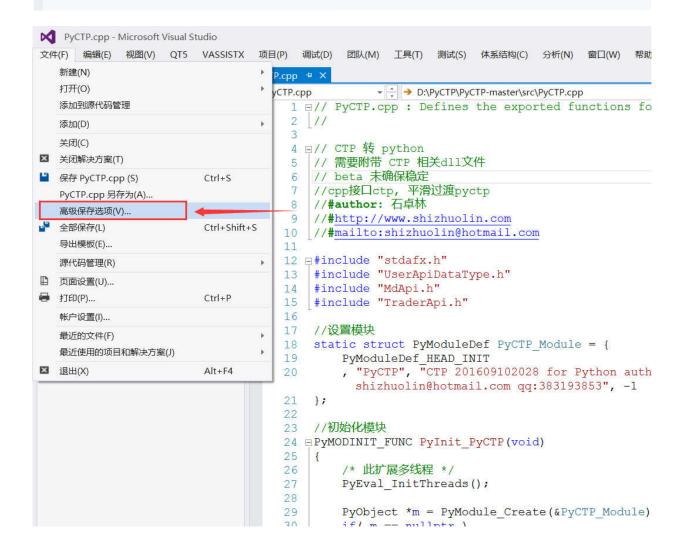
如图所示:

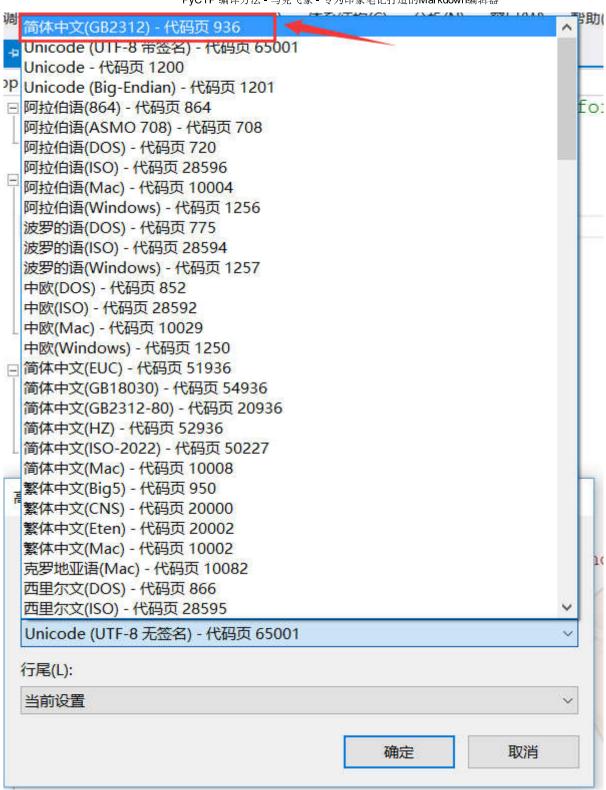
```
D.\PyCIF|PyCIF|master/python setup, py build running build remained build remain
```

那么,此时,一定要处理掉这种情况,否则编译出来的动态链接库无法正常使用,因为乱码会导致程序编译链接出错。

解决办法

将所有报错文件通过Visual Studio打开,文件菜单高级保存,选择GB2312编码进行保存。

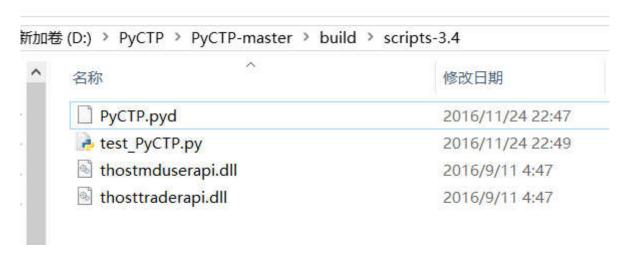




然后重新编译即可,正常情况应该如下图所示:

```
D. UP/CIT-Profit Profit Profit
```

然后我们会在build目录下生成三个文件夹,将lib目录中生成的pyd拷贝至scripts目录,将所依赖的CTP DII拷贝至scripts目录,如下图所示:



然后修改test_PyCTP.py文件中main方法的期货账号,密码,然后运行即可开始开发测试。

```
🗎 test_PyCTP.py🛚
                         , amount=DepthMarketData['Turnover']
581
                         , position=DepthMarketData['OpenInterest']
582
                         , ask1=DepthMarketData['AskPrice1']
583
                         , bidl=DepthMarketData['BidPrice1']
584
                         , asize1=DepthMarketData['AskVolume1']
585
                         , bsize1=DepthMarketData['BidVolume1'])
586
587
             self.data.append(tick)
588
             print(tick, '\n')
589
590 □def
          main ():
591
        import os
         import time
       BrokerID = b'9999'
         UserID = b''
594
595
      Password = b''
596
      ExchangeID = b'SHFE'
       InstrumentID = b'cu1610'
597
      trader = PyCTP Trader.CreateFtdcTraderApi(b' tmp t ')
      market = PyCTP Market.CreateFtdcMdApi(b' tmp m ')
599
      print('连接前置', trader.Connect(b'tcp://180.168.146.187:10000'))
600
         print('连接前置', market.Connect (b'tcp://180.168.146.187:10010'))
601
```

```
D:\PyCTP\PyCTP-master\build\scripts-3.4>python test_PyCTP.py
连接前置 0
连接前置 0
聚号登陆 0
聚号登陆 0
聚号登陆 0
扩放3者代码 b'058176'
查询交易所 [('ExchangeProperty': b'0', 'ExchangeName': b'\xd6\xd0\xb9\xfa\xbd\xf0\xc8\xda\xbd\xbb\xd2\xd7\xcb\xf9', 'ExchangeID': b'CCxbb\xf5\xbd\xbd\xbb\xd2\xd7\xcb\xf9', 'ExchangeID': b'SHFE'), ('ExchangeProperty': b'1', 'ExchangeName': b'\xb4\xf3\xc1\xac\xc9\xcc\xc6\x', 'ExchangeName': b'\xd6\xa3\xd6\xdd\xc9\xcc\xc6\xb7\xbd\xbb\xf9', 'ExchangeID': b'CCE')]
查询投资者 [('Mobile': b'', 'MarginModeID': b'', 'OpenDate': b'20160516', 'Address': b'', 'InvestorRompID': b'')]
查询资金账户 [('Commission': 0.0, 'WithdrawQuota': 0.0, 'SpecProductExchangeMargin': 0.0, 'Available': -361803.70999999973, 'ReserveBal-
tithdraw': 0.0, 'PreBalance': 692401.09900000001, 'PreMortgage': 0.0, 'Interest': 0.0, 'SpecProductFrozenMargin': 0.0, 'PreFundMortgageIn': 0.0, 'PrefundMortgageIn':
```

- 谢谢大家支持!
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