python_读写注册表程序

```python
import sys
from _winreg import *

# tweak as necessary
version = sys.version[:3]
installpath = sys.prefix
regpath = "SOFTWARE\\Python\\Pythoncore\\%s\\" % (version)
installkey = "InstallPath"
pythonkey = "PythonPath"
pythonpath = "%s;%s\\Lib\\;%s\\DLLs\\" % (
installpath, installpath, installpath
)

def RegisterPy():
    print "begin RegisterPy "
    try:
        print "open key : %s"%regpath
        reg = OpenKey(HKEY_CURRENT_USER, regpath)
    except EnvironmentError as e:
        try:
            reg = CreateKey(HKEY_CURRENT_USER, regpath)
            SetValue(reg, installkey, REG_SZ, installpath)
            SetValue(reg, pythonkey, REG_SZ, pythonpath)
            CloseKey(reg)
        except:
            print "*** EXCEPT: Unable to register!"
            return

        print "--- Python", version, "is now registered!"
        return


    if (QueryValue(reg, installkey) == installpath and
        QueryValue(reg, pythonkey) == pythonpath):
            CloseKey(reg)
            print "=== Python", version, "is already registered!"
            return CloseKey(reg)

    print "*** ERROR:Unable to register!"
    print "*** REASON:You probably have another Python installation!"

def UnRegisterPy():
    #print "begin UnRegisterPy "
    try:
        print "open HKEY_CURRENT_USER key=%s"%(regpath)
        reg = OpenKey(HKEY_CURRENT_USER, regpath)
        #reg = OpenKey(HKEY_LOCAL_MACHINE, regpath)
    except EnvironmentError:
        print "*** Python not registered?!"
        return
    try:
        DeleteKey(reg, installkey)
        DeleteKey(reg, pythonkey)
        DeleteKey(HKEY_LOCAL_MACHINE, regpath)
    except:
        print "*** Unable to un-register!"
    else:
        print "--- Python", version, "is no longer registered!"

if __name__ == "__main__":
    RegisterPy()
```