代码行数统计(python 实现)

之前用 bash 实现过
（http://www.cnblogs.com/MikeZhang/archive/2012/08/22/linesCountBash20120822.html），不
过那个不能在 windows 下使用，所以就写了个 python 版，也方便我以后使用。

这里就不多介绍了，不懂的 google 下。

实现代码

```python
#!/usr/bin/python

import sys,os

extens = [".c",".cpp",".hpp",".h"]
linesCount = 0
filesCount = 0

def funCount(dirName):
    global extens,linesCount,filesCount
    for root,dirs,fileNames in os.walk(dirName):
        for f in fileNames:
            fname = os.path.join(root,f)
            try :
                ext = f[f.rindex('.'):]
                if(extens.count(ext) > 0):
                    print 'support'
                    filesCount += 1
                    print fname
                    l_count = len(open(fname).readlines())
                    print fname," : ",l_count
                    linesCount += l_count
                else:
                    print ext," : not support"
            except:
                print "Error occur!"
                pass


if len(sys.argv) > 1 :
    for m_dir in sys.argv[1:]:
        print m_dir
        funCount(m_dir)
else :
```

```
        funCount(".")

print "files count : ",filesCount
print "lines count : ",linesCount

raw_input("Press Enter to continue")
```

使用方法

1、针对本目录

./count.py

2、统计多个目录

./count.py /tmp ~

运行效果