链滴

python 备份 svn 服务器文件脚本

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（一）场景
           就是做备份文件的脚本，功能很简单，备份完成，发邮件通知，每天定时运行，并且自动删除前一周的数据注：目前只有备份，和发邮件，其他的功能陆续加上）
（二）代码

<pre># -*- coding : utf-8 -*-
import os
import time
import tarfile
import string
import smtplib
import email
logfile = "/usr/svnback/log/svnbak.log"
bakdir = "/usr/svnback"
svndir = "/usr/svncode"
destdir = bakdir+"/"+time.strftime("%Y-%m-%d")
today = time.strftime("%Y-%m-%d %H:%M:%S")
def get_time():
    now = time.ctime()
    parsed = time.strptime(now)
    return time.strftime("%Y-%m-%d %H:%M:%S")
def write_log(time,info):
open_log = open(logfile,'a+')
open_log.write(time + ":" +info +"\n")
open_log.close()
def compress_svn(destdir):
tar = tarfile.open(destdir+'.bz2','w|bz2')
tar.add(svndir)
write_log(today,"compress_svn")
tar.close()
sendmail(today+'svncode has bak')
def sendmail(content):
mail_host ='smtp.163.com'
addrfrom = 'xxx@163.com'
addrto = 'xxx@qq.com'
msg = "To:xxxx@qq.com\r\nFrom:xxx@163.com\r\nSubject:svn backup problem\r\nDate:" +
mail.Utils.formatdate()+"\r\n\r\n" + content + "\r\n"
svr = smtplib.SMTP()
svr.connect(mail_host)
svr.login('username','pwd')
svr.sendmail(addrfrom,addrto,msg)
svr.close()
if name=="main":
time = get_time()
write_log(time,"start back up!!")
if os.path.exists(destdir):
write_log(time,"back already exists!")
else:
compress_svn(destdir)
</pre>