from resources.lib import encryption

#from subprocess import call

import sys

import re

import os

saltFile = str(sys.argv[1])

password = str(sys.argv[2])

source = str(sys.argv[3])

target = str(sys.argv[4])

encrypt = encryption.encryption(saltFile,password)

#encrypt.encryptString(file)

#print encrypt.decryptString(file)

def encrypt\_dir(source, target):

current, dirs, files = os.walk(source).next()

for file in files:

encFile = encrypt.encryptString(file)

encrypt.encryptFile(str(source) + '/' + str(file), str(target) +'/'+ str(encFile))

print str(source) + '/' + str(file) + ' -> ' + str(target) +'/'+ str(encFile)

for dir in dirs:

encDIR = encrypt.encryptString(dir)

os.mkdir(str(target) + '/' + str(encDIR))

encrypt\_dir(str(source) + '/' + str(dir), str(target) +'/'+str(encDIR))

print str(source) + '/' + str(dir) + ' -> ' + str(target) + '/' + str(encDIR)

#print encrypt.generateSalt()

encrypt\_dir(source, target)