

```

#Command:python decompileApk.py SHOPPING
#python decompileApk.py /home/Documents/Project/SHOPPING

import os

import sys

import subprocess

walk_dir = sys.argv[1]

#-----decompile-----

i = 0

apktool = "/usr/local/bin/apktool.jar"

if not os.path.exists(walk_dir + "_Decompiled/Outputs"):
    os.makedirs(walk_dir + "_Decompiled/Outputs")

for root, subdirs, files in os.walk(walk_dir):
    list_file_path = os.path.join(root, 'my-directory-list.txt')
    with open(list_file_path, 'wb') as list_file:
        for file in files:
            if file.endswith(".apk"):
                i=i+1
                print str(i)+"-"+file
                os.system("java -jar " + apktool + " d " + root+"/"+file)

#-----filter paypal-----

primary_path = os.path.dirname(os.path.abspath("decompileApk.py"))
root_output = ""

for dirs in os.walk(walk_dir+ "_Decompiled").next()[1]:
    root_output = os.path.join(walk_dir+ "_Decompiled/Outputs", dirs+'_output_paypal.txt')
    with open(root_output, 'a') as f:
        f.close

for root, subdirs, files in os.walk(walk_dir+ "_Decompiled"):
    if 'Outputs' in subdirs:

```

```

    subdirs.remove('Outputs')

files = [ fi for fi in files if not fi.endswith(".py") ]

parent_directory = os.path.split(os.path.abspath(os.path.join(root, os.pardir)))[1]

if os.path.exists('./Outputs/'+parent_directory+'_output_paypal.txt'):

    root_output = os.path.join(walk_dir+ "_Decompiled/Outputs",
parent_directory+'_output_paypal.txt')

    with open(root_output, 'a') as f:

        for filename in files:

            file_path = os.path.join(root, filename)

            (out,err) = subprocess.Popen(['grep', '-rinle',
'paypal',file_path],stdout=f,stderr=f).communicate()

            if out is not None:

                f.write(file_path)

                print('--\nfile_path = ' + file_path)

                print out

        f.close;

#-----list of apks with paypal-----

from os import path

files = os.listdir('Outputs')

output = os.path.join(walk_dir+ "_Decompiled/Outputs/", 'Outputs_output_paypal.txt')

with open(output, 'a') as f:

    for filename in files:

        if os.path.getsize(os.path.join(walk_dir+ "_Decompiled/Outputs/", filename)) > 0:

            f.write(filename+"\n")

        f.close

sys.exit()

```