

Forum:[Hack Forums](#)

Thread: [Facebook downloaded message searcher](#)

szuszi2 - March 2, 2015, 9:40 am

Hello today I will share a facebook message praser/searcherDownload your facebook data (accountsettings->Download a copy of your Facebook data.)
this has basicly no use but it can be fun :D

after downloading the code, modify the message.htm a bit(rename to message.txt and remove the first bit of the html that doesnt contain any messages (till the first div with a class=thread)
after that your basicly ready :DD

PHP Code

```
<?php
from html.parser import HTMLParser
import os.path
class FacebookMessage:
    friendList=[]
    metas=[False,False,False,False]
    messages=[]
    name=[]
    def __init__(self):

        file2=open("friends.txt","r",encoding="utf8")
        friends=file2.read()
        praser=MyHTMLParser()
        praser.feed(friends)

        self.main()
    def find_alg(self,x,search,search_index,name_index):

        location=self.friendList[x].lower().find(search[search_index].lower(),name_index,len(self.
friendList[x]))

        if(location!=-1 and search_index<len(search)-1):
            self.find_alg(x,search,search_index+1,location)
        elif(location!=-1):
            self.searched.append(x)
            return
        else:
            return
    def findr(self,search):
        self.searched=[]
        for x in range(0,len(self.friendList)):
            self.find_alg(x,search,0,0)
    def get_messages(self,iduser):

        file=open("messages.txt","r",encoding="utf8")
        data=file.read()
        self.name.append(self.friendList[iduser])
```

```

print(self.name[len(self.name)-1])
praser=MyHTMLParser2()
praser.feed(data)
file2=open("kiir.txt","a",encoding="utf8")
for x in range(0, len(self.messages)):
    file2.write(self.messages[x][0]+"\\t"+self.messages[x][1]+"\\t"+self.messages[x][2]+"\\n")
##file2.write("*****\\n\\n\\n")
file2.close()
print("done")
self.main()
def kereses(self):
    szoveg=input("mit keresel: ")
    tipus=int(input("1=pontos\\n2=paraméteres\\n3=pontaltlan\\n "))
    if tipus==2:
        para1=int(input("pontosság: "))
        para2=0
    else:
        para1=0
        para2=0
    file=open("kiir.txt","r",encoding="utf8")
    readed=file.read()
    firstt=readed.split("\\n")
    data=[]
    for x in range(0,len(firstt)):

        data_temp=firstt[x].split("\\t")
        if(firstt[x]!="\\n" and len(data_temp)>2):
            self.finde(tipus,para1,para2,data_temp[2],szoveg,0,0)
            if(self.keresesr):
                data.append(data_temp)
    print(len(data))
    file2=open("kiir2.txt","a",encoding="utf8")
    for x in range(0, len(data)):
        file2.write(data[x][2]+"\\n")

    file2.close()
    self.main()
def finde(self,tipus,para1,para2,szoveg,kereses,index_szoveg,index_keres):
    if(tipus==1):
        ##pontos
        location=szoveg.find(kereses)
        if(location!=-1):
            self.keresesr=True
            return
        else:
            self.keresesr=False
    elif(tipus==2):
        if(para1!=0):
            valt=index_keres+para1
        else:
            valt=len(szoveg)
        location=szoveg.lower().find(kereses.lower())[index_keres],index_szoveg,valt)
        if(location!=-1 and index_keres<len(kereses)-1):

```

```

        self.finde(tipus,para1,para2,szoveg,kereses,location,index_keres+1)
    elif(location!=-1):
        self.keresesr=True
        return
    else:
        self.keresesr=False
        return
else:
    location=szoveg.lower().find(kereses.lower()[index_keres],index_szoveg)
    if(location!=-1 and index_keres<len(kereses)-1):
        self.finde(tipus,para1,para2,szoveg,kereses,location,index_keres+1)
    elif(location!=-1):
        self.keresesr=True
        return
    else:
        self.keresesr=False
        return

def main(self):
    kind=int(input("1=keresés meglévő listában\n2=új lista:\n3=lista törlése\n-"))
    if(kind==2):
        name=input("Name: ")
        self.findr(name)
        if(len(self.searched)>0):

            for x in range(0,len(self.searched)):
                print(self.friendList[self.searched[x]]+" (" +str(x)+")")

            id=int(input("szám (-1= új keresés): "))
            if(id== -1):
                self.main()
                return
            self.get_messages(self.searched[id])

        else:
            print("Nincs ilyen")
            self.main()
    elif(kind==3):
        f = open('kiir.txt', 'r+')
        f.truncate()
        self.main()
    else:
        if(kind==1 and os.path.isfile("kiir.txt")):
            self.kereses()
        else:
            print("Error")
            self.main()
class MyHTMLParser(HTMLParser):

    def handle_starttag(self, tag, attrs):
        self.lasttag=tag

```

```

def handle_endtag(self, tag):
    self.lasttag=""
def handle_data(self, data):
    if(self.lasttag=="li" and data!=" "):
        FacebookMessage.friendList.append(data)

```

```

class MyHTMLParser2(HTMLParser):

```

```

def handle_starttag(self, tag, attrs):
    if(len(attrs)>0):
        for x in range(0,len(attrs)):

            if(attrs[x][1]=="thread" and tag=="div"):
                FacebookMessage.metas[0]=True
                FacebookMessage.metas[1]=False
                FacebookMessage.metas[2]=False
                FacebookMessage.metas[3]=False
            elif(attrs[x][1]=="user" and tag=="span"):
                FacebookMessage.metas[0]=False
                FacebookMessage.metas[1]=True
                FacebookMessage.metas[2]=False
                FacebookMessage.metas[3]=False
            elif(attrs[x][1]=="meta" and tag=="span"):
                FacebookMessage.metas[0]=False
                FacebookMessage.metas[1]=False
                FacebookMessage.metas[2]=True
                FacebookMessage.metas[3]=False
            elif(tag=="p" and FacebookMessage.metas[2]):
                FacebookMessage.metas[0]=False
                FacebookMessage.metas[1]=False
                FacebookMessage.metas[2]=False
                FacebookMessage.metas[3]=True
def handle_endtag(self, tag):
    self.lasttag=""

```

```

def handle_data(self, data):

```

```

    if(FacebookMessage.metas[0]):

```

```

        self.currentuser=""

```

```

    elif(FacebookMessage.metas[1]):

```

```

        self.currentuser=data

```

```

        elif(FacebookMessage.metas[2]and self.currentuser==FacebookMessage.name[len(
FacebookMessage.name)-1]):

```

```

            self.currenttime=data

```

```

            elif(FacebookMessage.metas[3]and self.currentuser==FacebookMessage.name[len(
FacebookMessage.name)-1]):

```

```
data=[self.currentuser,self.currenttime ,data]  
FacebookMessage.messages.append(data)
```

```
new=FacebookMessage()
```

Im not going to explain the code just gonna post it incase someone needs it :)

herrdeutschland - *March 8, 2015, 8:21 am*

Nice one ,keep up the good work ,but next time make a PY programm to download others facebook messeges not our owns heheh