

Forum:[Hack Forums](#)

Thread: [export mail addresses from gmail](#)

splinter1 - December 26, 2021, 5:55 pm

I got an exe that enables secure apps on gmail, now i need to export all mail addresses from gmail account, i found this code python 3

```
import email
import imaplib
import getpass
import sys
import re

from pprint import pprint as pp

# User may want to change these parameters if running script as-is
SEARCH_FOLDER = '[Gmail]Trash' # TODO: A user will want to change this
# Other folders: "INBOX", "[Gmail]/All Mail"
DEFAULT_MAIL_SERVER = 'imap.gmail.com'

# No user parameters below this line
ADDR_PATTERN = re.compile('<(.*?)>') # Finds email as <nospam@nospam.com>

def connect(user, pwd, server=DEFAULT_MAIL_SERVER):
    """Connect to [the specified] mail server. Return an open connection"""
    conn = imaplib.IMAP4_SSL(server)
    try:
        conn.login(user, pwd)
    except imaplib.IMAP4.error:
        print "Failed to login"
        sys.exit(1)
    return conn

def print_folders(conn):
    """Print a list of open mailbox folders"""
    for f in conn.list():
        print "\t", f

def get_folder(conn, folder_name):
    """Fetch a specific folder (or label) from server"""
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if conn.state == "SELECTED":
    # Explicitly close any previously opened folders; may not be necessary
    conn.close()

rv, data = conn.select(folder_name)
if rv != 'OK':
    print "Could not open specified folder. Known labels:"
    print_folders(conn)
return conn

def get_email_ids(conn, query='ALL'):
    """Get the numeric IDs for all emails in a given folder"""
    if conn.state != "SELECTED":
        raise imaplib.IMAP4.error("Cannot search without selecting a folder")

    rv, data = conn.uid('search', None, query)
    if rv != 'OK':
        print "Could not fetch email ids" # for some reason...
        return []

    return data[0].split()

def fetch_message(conn, msg_uid ):
    """
    Fetch a specific message uid (not sequential id!) from the given folder;
    return the parsed message. User must ensure that specified
    message ID exists in that folder.
    """
    # TODO: Could we fetch just the envelope of the response to save bandwidth?
    rv, data = conn.uid('fetch', msg_uid, "(RFC822)")
    if rv != 'OK':
        print "ERROR fetching message #", msg_uid
        return {}

    return email.message_from_string(data[0][1]) # dict-like object

def get_recipients(msg_parsed):
    """Given a parsed message, extract and return recipient list"""
    recipients = []
    addr_fields = ['From', 'To', 'Cc', 'Bcc']

    for f in addr_fields:
        rfield = msg_parsed.get(f, "") # Empty string if field not present
        rlist = re.findall(ADDR_PATTERN, rfield)
        recipients.extend(rlist)

    return recipients

if __name__ == "__main__":
    username = raw_input("Full email address: ")

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password = getpass.getpass()

# Connect
mail_conn = connect(username, password)

# Open a specific folder and get list of email message uids
mail_conn = get_folder(mail_conn, SEARCH_FOLDER)
msg_uid_list = get_email_ids(mail_conn)

# Fetch a list of recipients
all_recipients = []
for msg_uid in msg_uid_list:
    msg = fetch_message(mail_conn, msg_uid)
    recip_list = get_recipients(msg)
    all_recipients.extend(recip_list)

# Very unsophisticated way of showing the recipient list
print "List of all recipients:"
print "-----"
pp(all_recipients)

print "\n\n List of all UNIQUE recipients:"
print "-----"
pp(set(all_recipients))

try:
    mail_conn.close() # Close currently selected folder (if any)
finally:
    mail_conn.logout()

```

but it returns "failed to login" ,
 anyone knows a working code? help is appreciated. Since when does this not work anymore?

To The Krays:

Also The Krays, what happened? My messages on telegram won;t arrive, like you are offline. our
 hole chat has been deleted to.

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Nevermind, i got it to work

Update,\

somehow it works for one gmail account, but it doesnt for my other gmail account, both ave secure
 apps enabled. How can this be?

oje28830 - *December 27, 2021, 8:17 am*

If you're willing to pay me 1,250\$ i'll write you a professional program that does this to you.