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gmail.py

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#!/usr/bin/python
# -*- coding: utf-8 -*-
import os,sys,time
import smtplib
import datetime
from email.MIMEText import MIMEText
from email.MIMEImage import MIMEImage
from email.MIMEMultipart import MIMEMultipart
from email.Header import Header
from email.Utils import formatdate

def create_message(from_addr, to_addr, subject, body, encoding):
    msg = MIMEMultipart()
    msg['Subject'] = Header(subject, encoding)
    msg['From'] = from_addr
    msg['To'] = to_addr
    msg['Date'] = formatdate()

    related = MIMEMultipart('related')
    alt = MIMEMultipart('alternative')
    related.attach(alt)

    content = MIMEText(body, 'plain', encoding)
    alt.attach(content)

    filename="/isilon/BL32XU/BLsoft/PPPP/stagez.png"
    fp = open(filename, 'rb')
    img = MIMEImage(fp.read(), 'png', name=filename)
    related.attach(img)
    msg.attach(related)
    return msg
    pass

def send_via_gmail(from_addr, to_addr, msg):
    s = smtplib.SMTP('smtp.gmail.com', 587)
    s.ehlo()
    s.starttls()
    s.ehlo()
    s.login('bl32xu@gmail.com', 'microfocus')
    s.sendmail(from_addr, [to_addr], msg.as_string())
    s.close()

if __name__ == '__main__':
    from_addr = 'bl32xu@gmail.com'
    to_addr = 'hirata@spring8.or.jp'
    title = 'Message from ZOO'
    body = ""

    date="%s"%(datetime.datetime.now())
    body = "%s\n"%date
    infile=open(sys.argv[1], 'r')
    lines=infile.readlines()
    for line in lines:
        body=body+line

    msg = create_message(from_addr, to_addr, title, body, 'utf-8')
    send_via_gmail(from_addr, to_addr, msg)
```