

## Issue9298

## classification

<b>Title:</b> binary email attachment issue with base64 encoding	
<b>Type:</b> behavior	<b>Stage:</b> unit test needed
<b>Components:</b> Library (Lib)	<b>Versions:</b> Python 3.1

## process

<b>Status:</b> open	<b>Resolution:</b>
<b>Dependencies:</b>	<b>Superseder:</b>
<b>Assigned To:</b> r.david.murray	<b>Nosy List:</b> r.david.murray, vunruh
<b>Priority:</b> normal	<b>Keywords:</b>

Created on **2010-07-19 03:04** by **vunruh**, last changed **2010-07-19 12:50** by **r.david.murray**.

**Messages (2)**

**msg110710 - (view) Author: Vance Unruh (vunruh)**

**Date: 2010-07-19  
03:04**

I'm using Python to email a text version and a PDF version of a report. The standard way of doing things does not work with Vista's Mail program, but works fine with Mail on OSX. So, I don't know if this is a Python or a Vista Mail bug. By standard way, I mean:

```
# Add the attached PDF:
part = MIMEApplication(pdf,"pdf")
part.add_header('Content-Disposition', 'attachment', filename=pdfFile)
msg.attach(part)
```

To fix the problem, I changed C:\Python31\Lib\email\encoders.py to use encodebytes instead of b64encode in order to get mail on Windows Vista to correctly interpret the attachment. This splits the base64 encoding into many lines of some fixed lenth.

I can achieve the same thing adding the attachment by hand with the following code:

```
from email.mime.base import MIMEBase
part = MIMEBase("application","pdf")
part.add_header('Content-Transfer-Encoding', 'base64')
part.set_payload(str(base64.encodebytes(pdf),'ascii'))
msg.attach(part)
```

Seems like I shouldn't need to know this much.

I'm new to Python and this is the first bug I have submitted, so if you need additional information, please let me know.

**msg110743 - (view) \* Author: R. David Murray (r.david.murray) Date: 2010-07-19  
12:50**

Can you try this against 3.1 from svn (or py3k from svn)? A bug was fixed that might be relevant. Alternatively a unit test that demonstrates the problem would be most helpful.

### History

Date	User	Action	Args
2010-07-19 12:50:17	r.david.murray	set	type: behavior
2010-07-19 12:50:01	r.david.murray	set	nosy: + <b>r.david.murray</b> messages: + <b>msg110743</b>
			assignee: <b>r.david.murray</b> stage: unit test needed
2010-07-19 03:04:55	vunruh	create	