

Python 101

Ftp - E-mail - Impactando una URL

HTTP

<http://docs.python-requests.org/en/master/>

```
>>> r = requests.get('https://api.github.com/user', auth=('user', 'pass'))
>>> r.status_code
200
>>> r.headers['content-type']
'application/json; charset=utf8'
>>> r.encoding
'utf-8'
>>> r.text
u'{"type":"User"... '
>>> r.json()
{u'private_gists': 419, u'total_private_repos': 77, ...}
```

Ver comparación con URLLIB2

<https://gist.github.com/kennethreitz/973705>

FTP

<https://docs.python.org/3/library/ftplib.html>

```
>>> from ftplib import FTP
>>> ftp = FTP('ftp.debian.org')    # connect to host, default port
>>> ftp.login()                    # user anonymous, passwd anonymous@
'230 Login successful.'
>>> ftp.cwd('debian')              # change into "debian" directory
>>> ftp.retrlines('LIST')          # list directory contents
-rw-rw-r--  1 1176   1176       1063 Jun 15 10:18 README
...
drwxr-sr-x   5 1176   1176      4096 Dec 19  2000 pool
drwxr-sr-x   4 1176   1176      4096 Nov 17  2008 project
drwxr-xr-x   3 1176   1176      4096 Oct 10  2012 tools
'226 Directory send OK.'
>>> ftp.retrbinary('RETR README', open('README', 'wb').write)
'226 Transfer complete.'
>>> ftp.quit()
```

Mail

<https://docs.python.org/3/library/email-examples.html>

```
import smtplib
from email.mime.text import MIMEText
with open(textfile) as fp:
    msg = MIMEText(fp.read())
    msg['Subject'] = 'The contents of %s' % textfile
    msg['From'] = me
    msg['To'] = you

s = smtplib.SMTP('localhost')
s.send_message(msg)
s.quit()
```