Common tasks

retrieve a resource

Why several modules?

Requests is the most recent of all the modules

## Security

How are secure resources retrieved using python modules?

Verify HTTPS requests?

Unverified https requests

modules

urllib -

urlopen only supports a url parm

provides useful functions like urlencode not contained in urllib2

urllib2

adds urlopen(Request)

can add http headers

Not a very good API

urllib3

Not a built-in

3rd party lib

httplib -

implements client side of http and https protocols

Lower level library used by other modules

Not usually used directly in client code

requests -

Uses urllib3

Much better API than urllib2

## reference

<http://docs.python.org/2/library/urllib.html>