requests

--requests.get(url[,params][,headers][,cookies][,timeout][,allow_redirects=True][,proxies])

allow_redirects，禁止了跳转，就直接出现跳转的状态码

FE：

```
>>> import requests
>>> r = requests.get('http://www.baidu.com/link?url=QeTRF0S7TuUQRppa0w1TJJr6FfIYI1DJprJukx4Qy0XnsD0_s9bao08u1wvjxgqN')
>>> r.status_code
200
>>> r.history
[<Response [302]>]
>>> r = requests.get('http://www.baidu.com/link?url=QeTRF0S7TuUQRppa0w1TJJr6FfIYI1DJprJukx4Qy0XnsD0_s9bao08u1wvjxgqN', allow_redirects = False)
>>> r.status_code
302
>>> r.history
[]
```

FE：

```
import requests
proxies = {
  "http": "http://10.10.1.10:3128",
  "https": "http://10.10.1.10:1080",
}
requests.get("http://www.zhidaow.com", proxies=proxies)
```
如果代理需要账户和密码，则需这样：
```
proxies = {
    "http": "http://user:pass@10.10.1.10:3128/",
}
```

--r.request.headers

请求头内容

FE：

```
>>> r.request.headers
{'Accept-Encoding': 'gzip, deflate', 'Accept': '*/*', 'User-Agent': 'python-requests/2.12.3', 'Connection': 'keep-alive'}
>>> r.headers
{'Server': 'BWS/1.1', 'Content-Length': '215', 'Pragma': 'no-cache', 'Location': 'http://www.zhidaow.com/', 'X-UA-Compatible': 'IE=Edge,chrome=1', 'X-XSS-Protection': '1;mode=block', 'Connection': 'Keep-Alive', 'Date': 'Mon, 06 Feb 2017 16:05:10 GMT', 'Expires': 'Fri, 01 Jan 1990 00:00:00 GMT', 'Content-Type': 'text/html;charset=utf8', 'BDPAGETYPE': '3', 'Set-Cookie': 'BDSVRTM=0; path=/', 'Cache-Control': 'no-cache, must-revalidate'}
>>> r.request
<PreparedRequest [GET]>
```

--r.history

查看中途过程

--requests.post(url[,data][,headers][,files])

FE：

```
import requests
url = 'http://127.0.0.1:5000/upload'
files = {'file': open('/home/lyb/sjzl.mpg', 'rb')}
#files = {'files':{filename,bytes-like}}
#files = {'file': ('report.jpg', open('/home/lyb/sjzl.mpg', 'rb'))}      #显式的设置文件名
r = requests.post(url, files=files)
print(r.text)
```

--r.url/text/content/headers/status_code/encoding

带有params组装后的url

解码后的返回数据

字节方式的响应体，会自动为你解码 gzip 和 deflate 压缩

返回服务器响应头

状态码

编码形式

--r.raise_for_status()

失败的话，非200响应，抛出响应

--r.json()

内置JSON解码器

--r.cookies

FE:

>>> r.cookies

<RequestsCookieJar[Cookie(version=0, name='BAIDUID', value='C48FAC1006148DEF8B4B8597856055C2:FG=1', port=None, port_specified=False, domain='.baidu.com', domain_specified=True, domain_initial_dot=True, path='/', path_specified=True, secure=False, expires=1517930948, discard=False, comment=None, comment_url=None, rest={}, rfc2109=True)]>

拓:

会话对象让你能够跨请求保持某些参数，最方便的是在同一个Session实例发出的所有请求之间保持cookies，且这些都是自动处理的，甚是方便。

下面就来一个真正的实例，如下是快盘签到脚本：

```python
import requests

headers = {'Accept': 'text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8',
           'Accept-Encoding': 'gzip, deflate, compress',
           'Accept-Language': 'en-us;q=0.5,en;q=0.3',
           'Cache-Control': 'max-age=0',
           'Connection': 'keep-alive',
           'User-Agent': 'Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:22.0) Gecko/20100101 Firefox/22.0'}

s = requests.Session()
s.headers.update(headers)
# s.auth = ('superuser', '123')
s.get('https://www.kuaipan.cn/account_login.htm')

_URL = 'http://www.kuaipan.cn/index.php'
s.post(_URL, params={'ac':'account', 'op':'login'},
       data={'username':'****@foxmail.com', 'userpwd':'********', 'isajax':'yes'})
r = s.get(_URL, params={'ac':'zone', 'op':'taskdetail'})
print(r.json())
s.get(_URL, params={'ac':'common', 'op':'usersign'})
```
==