1. Get

import requests  
  
'''  
 URL Parameters Request method: URL parameter  
 For example: request http://httpbin.org/get?first\_name=hello&last\_name=word  
'''  
  
params = {"first\_name": "hello", "last\_name": "word"}  
responds = requests.get("http://httpbin.org/get", params=params)  
print(responds.text)  
print(responds.url)

1. Post

import requests  
  
params = {"first\_name": "hello", "last\_name": "word"}  
headers = {"Content-Tpye": "application/x-www-form-urlencoded"}  
responds = requests.post("http://httpbin.org/post", data=params, headers=headers)  
print(responds.text)  
print(responds.url)  
print(responds.request)

1. Json post

import requests  
  
'''  
 URL Parameters Request method: URL parameter  
 For example: request http://httpbin.org/get?first\_name=hello&last\_name=word in a POST method  
'''  
  
params = {"first\_name": "hello", "last\_name": "word"}  
headers = {"Content-Tpye": "application/json"}  
responds = requests.post("http://httpbin.org/post", json=params, headers=headers)  
print(responds.text)  
print(responds.url)  
print(responds.request)

1. **Packaging Request Method**

* Directly call a general function

import requests  
import json  
  
  
class ApiRequest(object):  
  
 # ----- The first request method package the Request library, the call can be used according to the actual situation  
 def send\_requests(self, method, url, data=None, params=None, headers=None, cookies=None, json=None, files=None,  
 timeout=None):  
 self.r = requests.request(method, url, data=data, params=params, headers=headers, cookies=cookies, json=json,  
 files=files, timeout=timeout)  
 return self.r

* Call individual method function through a filter/gen function

import requests  
import json  
  
  
class ApiRequest(object):  
  
 def get(self, url, data=None, headers=None):  
 if headers is not None:  
 res = requests.get(url=url, data=data, headers=headers)  
 else:  
 res = requests.get(url=url)  
 return res.json()  
  
 "" "POST request" ""  
  
  
def post(self, url, data, headers):  
 if headers is not None:  
 res = requests.post(url=url, data=data, headers=headers)  
 else:  
 res = requests.post(url=url, data=data)  
 if str(res) == "<Response [200]>":  
 return res.json()  
 else:  
 return res.text()  
  
 "" "" "" "" ""  
  
  
def all\_method(self, method, url, data=None, headers=None):  
 if method == 'get' or method == 'GET':  
 res = self.get(url, data, headers)  
 elif method == 'post' or method == 'POST':  
 res = self.post(url, data, headers)  
 elif method == 'put' or method == 'PUT':  
 res = self.post(url, data, headers)  
 elif method == 'delete' or method == 'DELETE':  
 res = self.delete(url, data, headers)  
 else:  
 Res = 'request mode is incorrect'  
 return json.dump(res, ensure\_ascii=False, indent=4, sort\_keys=True, separators=(',', ':'))