
pytonik curl Documentation

Release 2.0

pytonikcurl

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This document refers to version 2.0

Pytonik curl module support sending or initiating actions within or outside. It enables access to API's and return respond back to the application, in form of JSON, HTML, RAW data etc.

In this case the use of curl module is to POST, GET, HEAD, PUT information in internal or from external API's URL using attributes like `status`, `reason`, and `result`. Whereby `status` handles response codes.

example **200**, **404**, **500**, etc. which the `reason` of this status could be OK, Not Found, Internal server Error, etc.

Get excepted information from `result`

CHAPTER 1

Getting Started

How to install

```
pip install pytonik-curl=2.0
```

Import Module

```
from pytonik_curl.curl import curl
```

Callable

```
cl = curl()
```

Curl Local Variable

```
URL #accept url link
HTTPHEADER #httpheader application/x-www-form-urlencoded etc.
HEADER #header {:}.
CONTENTHEADER #accept text/plain, html/plain etc.
TIMEOUT #accept
POSTFIELDS #accept dictionary formate {name: example, next: testing}
POST #accept folder or url part / or /mypath
GET #accept folder or url part / or /mypath
HEAD #accept folder or url part / or /mypath
PUT #accept folder or url part / or /mypath
PORT #accept url port 8080
```

1.1 GET

GET retrieves information from api's server and returns response status , reason, and result

```
url = "https://example.com"
cl = curl()
cl.set(cl.URL, url)
cl.set(cl.GET, '/users/{username}'.format(username='testme'))
cl.finish()
print(cl.status, cl.reason, cl.result())
```

1.2 HEAD

HEAD check api's and returns response status and reason

```
url = "https://example.com"
cl = curl()
cl.set(cl.URL, url)
cl.set(cl.HEAD, '/users')
cl.finish()
print(cl.status, cl.reason)
```

1.3 POST

POST sent data/information to api using parameters or arguments and returns response status , reason, and result

```
url = "https://example.com"
cl = curl()
cl.set(cl.URL, url)
cl.set(cl.CONTENTHEADER, 'application/x-www-form-urlencoded')
cl.set(cl.ACCEPTHEADER, 'text/plain')
cl.set(cl.POST, '/add/users')
cl.set(cl.POSTFIELDS, {'username':'testme', 'password':'test' })
cl.finish()
print(cl.status, cl.reason, cl.result('utf-8'))
```

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