



# Unirest (only available for Python2)

## Installing & Making a Request

To use Unirest for Python, install it using pip:

Shell

```
$ pip install unirest
```

After installing the pip package, you can now begin making API requests by importing unirest and forming a request:

Python

```
import unirest

response = unirest.post(API_URL,
    headers={
        "X-RapidAPI-Key": API_KEY,
        "Content-Type": "application/x-www-form-urlencoded"
    },
    params={
        "parameter": "value"
    }
)

response.code # The HTTP status code
response.headers # The HTTP headers
response.body # The parsed response
response.raw_body # The unparsed response
```

## Asynchronous Requests

Python also supports asynchronous requests in which you can define a callback function to be passed along and invoked when Unirest receives the response:

Python

```
thread = unirest.post(API_URL, headers={"X-RapidAPI-Key": API_KEY, "Content-Type": "application/x-www
```

## File Uploads

Transferring file data requires that you open the file in a readable r mode:

Python

```
import unirest

response = unirest.post(API_URL,
    headers={
        "X-RapidAPI-Key": API_KEY,
        "Accept": "application/json"
    },
    params={
        "parameter": "value",
        "file": open("/tmp/file", mode="r")
    }
)

response.code # The HTTP status code
response.headers # The HTTP headers
response.body # The parsed response
response.raw_body # The unparsed response
```

## Unirest Functionality

The available methods

## Advanced Configuration

You can set some advanced configuration to tune Unirest-Python:

### Timeout

You can set a custom timeout value (in seconds):

Python

```
unirest.timeout(5) # 5s timeout
```

```
unirest.default_header('Header1', 'Value1')
unirest.default_header('Header2', 'Value2')
```

You can clear the default headers anytime with:

Python

```
unirest.clear_default_headers()
```

Learn more about [how to use an API with Python](#).



Updated about a year ago