

Requests: HTTP for Humans™

Release v2.31.0. ([Installation](#))

downloads/month 439M | license Apache 2.0 | wheel yes | python 3.7 | 3.8 | 3.9 | 3.10 | 3.11

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Requests is an elegant and simple HTTP library for Python, built for human beings.

Behold, the power of Requests:

```
>>> r = requests.get('https://api.github.com/user', auth=('user', 'pass'))
>>> r.status_code
200
>>> r.headers['content-type']
'application/json; charset=utf8'
>>> r.encoding
'utf-8'
>>> r.text
'{"type": "User" ... '
>>> r.json()
{'private_gists': 419, 'total_private_repos': 77, ...}
```

See [similar code, sans Requests](#).

Requests allows you to send HTTP/1.1 requests extremely easily. There's no need to manually add query strings to your URLs, or to form-encode your POST data. Keep-alive and HTTP connection pooling are 100% automatic, thanks to [urllib3](#).

Beloved Features

Requests is ready for today's web.

- Keep-Alive & Connection Pooling
- International Domains and URLs
- Sessions with Cookie Persistence
- Browser-style SSL Verification
- Automatic Content Decoding
- Basic/Digest Authentication
- Elegant Key/Value Cookies
- Automatic Decompression
- Unicode Response Bodies
- HTTP(S) Proxy Support
- Multipart File Uploads
- Streaming Downloads
- Connection Timeouts
- Chunked Requests
- `.netrc` Support

Requests officially supports Python 3.8+, and runs great on PyPy.

The User Guide


This part of the documentation, which is mostly prose, begins with some background information about Requests, then focuses on step-by-step instructions for getting the most out of Requests.

- [Installation of Requests](#)

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- [\\$ python -m pip install requests](#)
- [Get the Source Code](#)
- [Quickstart](#)
 - [Make a Request](#)
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 - [Response Content](#)
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 - [Other Authentication](#)
 - [New Forms of Authentication](#)

The Community Guide

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This part of the documentation, which is mostly prose, details the Requests ecosystem and community.

- [Recommended Packages and Extensions](#)
 - [Certifi CA Bundle](#)
 - [CacheControl](#)
 - [Requests-Toolbelt](#)
 - [Requests-Threads](#)
 - [Requests-OAuthlib](#)
 - [Betamax](#)
- [Frequently Asked Questions](#)
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 - [Reasoning](#)
- [Community Updates](#)
- [Release History](#)

The API Documentation / Guide

If you are looking for information on a specific function, class, or method, this part of the documentation is for you.

- [Developer Interface](#)
 - [Main Interface](#)
 - [Exceptions](#)
 - [Request Sessions](#)
 - [Lower-Level Classes](#)
 - [Lower-Lower-Level Classes](#)
 - [Authentication](#)
 - [Encodings](#)
 - [Cookies](#)
 - [Status Code Lookup](#)
 - [Migrating to 1.x](#)
 - [Migrating to 2.x](#)

The Contributor Guide

If you want to contribute to the project, this part of the documentation is for you.

- [Contributor's Guide](#)
 - [Be Cordial](#)
 - [Get Early Feedback](#)
 - [Contribution Suitability](#)
 - [Code Contributions](#)
 - [Steps for Submitting Code](#)
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 - [Previous Keepers of Crystals](#)
 - [Patches and Suggestions](#)

There are no more guides. You are now guideless. Good luck.

```
# No user data
ethicalads:
  topic: devs
  region: global
  type: image
```

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