HTTPie Friendly HTTP client

CONCEPTS

HTTPie sends JSON by default. The separator in each item decides its role: : header, == query, = string field, := raw JSON, @ file. The method is optional: GET without data, POST with.

Request item separators

Item	Becomes
`Name:value`	Header
`q==value`	Query parameter
`k=value`	String field
`k:=42`	Raw JSON (number, bool, list)
`k=@file`	Field from text file
`k@file`	File upload (with -f)

Items headers, query, data
↓ build
Request JSON by default
↓ send
Response formatted, coloured
↓ print
Output -p, -b, -h, -o

When stdout is redirected, colours and formatting turn off. In scripts and cron add --ignore-stdin so HTTPie does not wait on stdin.

REQUESTS

`http <url>`
GET a URL

`http POST <url> <key>=<value>`
POST a JSON object

`http PUT <url> <key>=<value>`
Use any other method

`http DELETE <url>`
Send a DELETE

`https <url>`
Default to https://

`http :3000/path`
Request localhost:3000

`http <url> <key>:=<json>`
Raw JSON value

`http <url> < <file>`
Send a file as the body

`http HEAD <url>`
Headers only

HEADERS AND QUERY

`http <url> <Name>:<value>`
Set a header

`http <url> <Name>:`
Unset a default header

`http <url> <key>==<value>`
Query parameter

`http --follow <url>`
Follow redirects

FORMS AND FILES

`http -f POST <url> <key>=<value>`
URL-encoded form

`http -f POST <url> <key>@<file>`
Upload a file (multipart)

OUTPUT

`http -v <url>`
Request and response

`http -h <url>`
Response headers only

`http -b <url>`
Response body only

`http -p <what> <url>`
Choose parts: H B h b m

`http --offline POST <url> <items>`
Print request, send nothing

`http --pretty none <url>`
No colours or formatting

AUTH

`http -a <user>:<pass> <url>`
Basic auth

`http -a <user> <url>`
Prompt for password

`http -A bearer -a <token> <url>`
Bearer token

`http -A digest -a <user>:<pass> <url>`
Digest auth

`http --verify no <url>`
Skip TLS verification

`http --cert <file> --cert-key <key> <url>`
Client certificate

SESSIONS

`http --session <name> -a <u>:<p> <url>`
Create or reuse a session

`http --session <name> <url>`
Replay stored auth/cookies

Sessions store headers (except Content-* and If-*), auth and cookies per host in plain text under ~/.config/httpie/sessions/.

DOWNLOADS

`http -d <url>`
wget-style download

`http -d <url> -o <file>`
Choose the filename

`http -dco <file> <url>`
Resume a partial download

`http <url> > <file>`
Save body via redirect

Download mode implies --follow and --check-status, and shows progress on stderr.

SCRIPTING AND NETWORK

`http --check-status <url>`
Non-zero exit on 3xx-5xx

`http --ignore-stdin <url>`
Do not read stdin

`http --timeout <sec> <url>`
Connection timeout

`http --proxy http:<proxy-url> <url>`
Use a proxy

`http --help`
List all options

`http --version`
Show version

CONFIG

`~/.config/httpie/config.json`
Default config file

RECIPES

Preview a request first

```
http --offline POST
api.example.com/items name=widget
# then drop --offline to send it
```