xh Friendly HTTP client

CONCEPTS

The separator in each argument picks its meaning: ':' header, '==' query, '=' string field, ':=' raw JSON value, '@' file upload. Data fields make it a POST, otherwise GET.

URL scheme optional
Items k:v k==v k=v
↓ parsed
Request JSON by default
↓ sent
Response colored on tty
↓ printed

REQUESTS

xh *<url>*
GET a URL and pretty-print

xh post *<url>* *<k>*=*<v>*
Explicit method

xh put *<url>* *<k>*=*<v>*
Replace a resource

xh delete *<url>*
Delete a resource

xh *<url>* *<k>*=*<v>* *<k2>*=*<v2>*
Build a JSON object

xh *<url>* *<k>*:=*<json>*
Send number, bool, array, object

xh *<url>* *<a>*[*<b>*][0]=*<v>*
Nested JSON path

xh *<url>* *<k>*==*<v>*
Add query parameter

xh *<url>* *<h>*:*<v>*
Set a header

xh *<url>* *<h>*:
Remove a default header

xh :3000/*<path>*
Shorthand for localhost:3000

xh --raw '*<body>***'** *<url>*
Send a raw body

xh *<url>* < *<file>*
Body from stdin

xh *<url>* **-I** < *<file>*
Ignore stdin (in scripts, cron)

FORMS AND FILES

xh -f *<url>* *<k>*=*<v>*
URL-encoded form body

xh -f *<url>* *<k>*@*<file>*
Upload a file field

OUTPUT

xh -v *<url>*
Print request and response

xh -h *<url>*
Print response headers only

xh -b *<url>*
Print response body only

xh -p *<what>* *<url>*
Choose parts: H B h b m

xh --offline *<url>* *<k>*=*<v>*
Build and show request without sending

AUTH

xh -a *<user>*:*<pass>* *<url>*
Basic auth

xh -a *<user>* *<url>*
Basic auth, prompt for password

xh -A bearer -a *<token>* *<url>*
Bearer token

DOWNLOADS AND REDIRECTS

xh -d *<url>*
Download body to a file

xh -d -o *<file>* *<url>*
Download to a chosen name

xh -F *<url>*
Follow redirects

xh --check-status *<url>*
Non-zero exit on 4xx/5xx (default)

SESSIONS

xh --session *<name>* *<url>*
Create or reuse a session

NETWORK AND TLS

xh --timeout *<sec>* *<url>*
Give up after N seconds

xh --verify no *<url>*
Skip certificate verification