

HTTP Crash Course

Hyper Text Transfer Protocol

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⇒ What are HTTP headers

metadata → key-value sent along with request & response

→ caching, authentication, manage state

X-prefix → 2012 (X-deprecated)

- Request Headers → from Client
- Response Headers → from Server
- Representation Headers → encoding / compression
- Payload Headers → data

Most common Headers

- Accept : application/json
- User-Agent
- Authorization
- Content-Type
- Cookie
- Cache-Control

CORS

Access-Control-Allow-Origin

Access-Control-Allow-Credentials

Access-Control-Allow-Method

Security

Cross-Origin-Embedder-Policy

Cross-Origin-Opener-Policy

Content-Security-Policy

X-XSS-Protection

HTTP methods

Basic set of operations that can be used to interact with server

- GET : retrieve a resource
- HEAD : No message body (response headers only)
- OPTIONS : what operations are available
- TRACE : loopback test (get same data)
- DELETE : remove a resource
- PUT : replace a resource
- POST : interact with resource (mostly add)
- PATCH : change part of a resource

HTTP Status Code

- 1xx Informational
- 2xx Success
- 3xx Redirection
- 4xx Client error
- 5xx Server error

100	Continue	400	Bad request
102	Processing	401	Unauthorized
200	OK	402	Payment required
201	Created	404	Not Found
202	Accepted	500	Internal Server Error
307	Temporary redirect	504	Gateway time Out
308	Permanent redirect		