



Module 4 Day 13!

Putting it All Together

HTTP Methods (Verbs)

Method	Definition
GET	Read and return the specified resource. Requests using GET should only retrieve data, never change server data.
POST	Create a new resource, often causing a change in state on the server. Not idempotent (duplicate calls might cause two new resources).
PUT	Update the specified resource with the request payload. Idempotent (duplicate calls may be made without side effects).
DELETE	Remove the specified resource from the server.
PATCH	Update a portion of the specified resource (seldom used).

HTTP Headers

Header	What it does	Example
Accept	Request: tells server what type of content is acceptable	Accept: text/plain,application/json
Authorization	Request: Specifies the type of authorization to be sent	Authorization: Bearer
Content-type	Response: Tells what type of content has been sent	Content-type: application/json
Content-length	The length of the body of the request	Content-length: 255

Tools

- JSON Viewer (Chrome extension)
- Postman
- REST Client (VS Code extension)

HTTP Methods (Verbs)

Method	URL	Req Body	Resp Body	Example
GET	None http://api.com/todos	None	JSON array of objects	<code>fetch(this.apiUrl)</code>
GET	:id http://api.com/todos/101	None	JSON object	<code>fetch(`\${this.apiUrl}/\${id}`)</code>
POST	None http://api.com/todos	JSON object	None (or id, or object)	<code>fetch(this.apiUrl, { method: 'POST', headers: { 'content-type': 'application/json' }, body: JSON.stringify(this.theTodo) })</code>
PUT	:id http://api.com/todos/101	JSON object	None	<code>fetch(url, { method: 'PUT', headers: { 'content-type': 'application/json' }, body: JSON.stringify(this.theTodo) })</code>
DELETE	:id http://api.com/todos/101	None	None	<code>fetch(url, { method: 'DELETE', })</code>



Let's
Code