



HTTP

**methods
you must
know**

Get



Example

GET/ api/customers

→ **Return all customers**

Description

Retrieves data from server. it should retrieve data and should have no other side effect.

POST



Example

POST/ api/customers

→ **Post data to the server**

Description

Used to **send data to a server** to create a new resource. The data is included in the body of the request

PUT



Example

PUT/ api/customers/123

→ **Update customer by ID**

Description

Similar to POST, but it's used to **update an existing** resource

PATCH



Example

PATCH/ api/customers/1234

{'name': "cherry"}

Update name for customer
by ID 1234

Description

Used to update resources but it only updates the **fields** that were **included** in the **request**

DELETE



Example

DELETE/ api/customers/143

Delete customer by ID

Description

Deletes a resource.

Regardless of number of calls, it returns the same result.

HEAD



Example

HEAD/ api/customers

Similar to GET, but does not
return the list of customers

Description

Typically used to **check** if a resource
is **available** and to **get** the **metadata**.

OPTIONS



Example

OPTIONS/ api/main.html/1.1

→ **Return Permitted HTTP method in this URL**

Description

Used to get information about the possible communication options for the given URL or an asterisk to refer to the entire server.

TRACE



Example

TRACE/ api/main.html

**Responds the exact request
that client sent**

Description

Used for diagnosis purposes. It echoes the received request so that a client can see what changes or additions have been made by intermediate servers

CONNECT



Example

Connect `www.example.com:8080`

Connect to the URL Provided

Description

Used for making end to end connections between a client and a server, it makes a two way connection like a tunnel between them.