



# 9 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

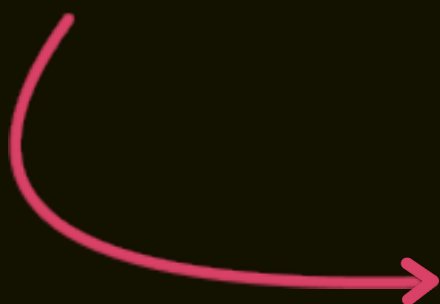




# PUT

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.

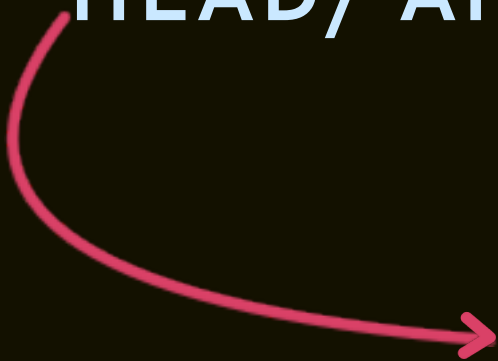




# HEAD

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.

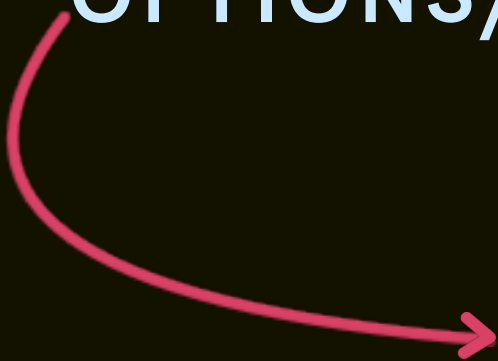




# OPTIONS

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.



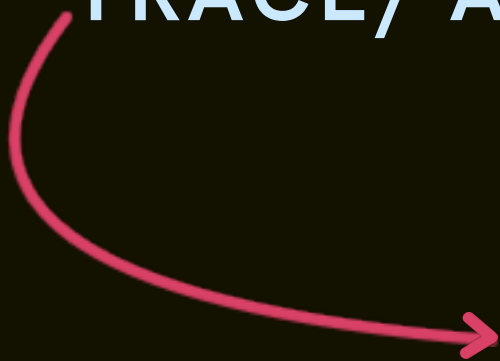




# TRACE

## 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.

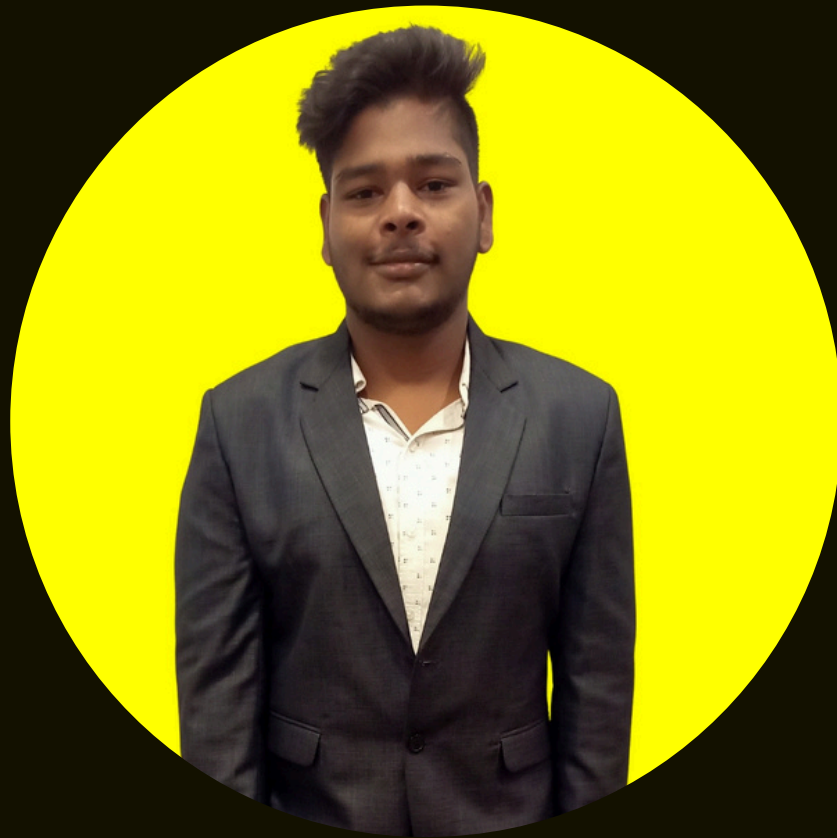




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