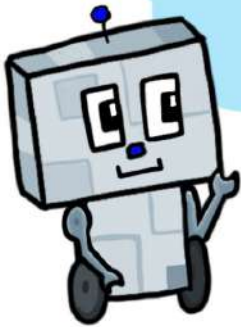


Widely used

HTTP

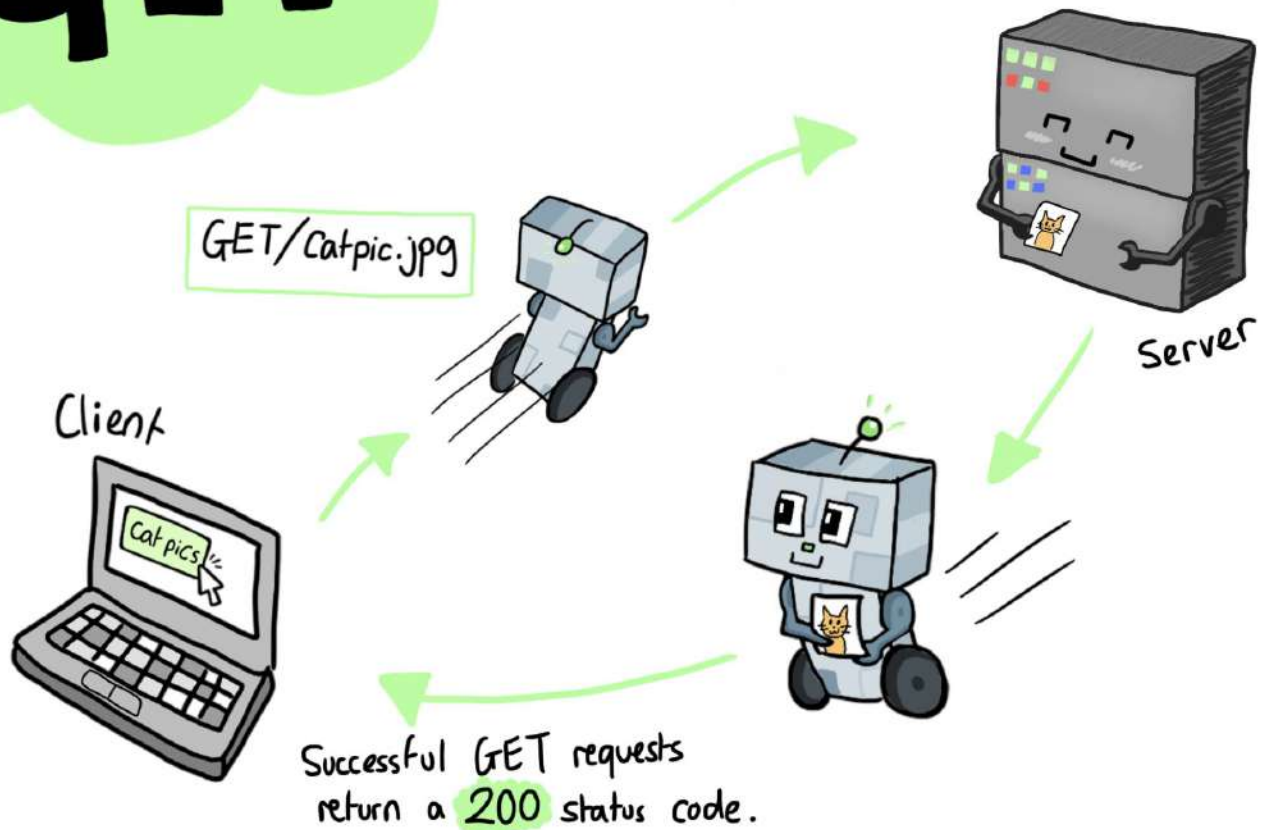


Methods

GET

GET requests retrieve
a resource from a server.

GET requests are cacheable and idempotent (do not
affect the status of the server).



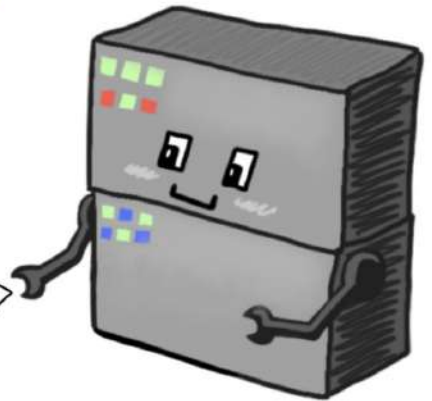
POST requests submit
information to the server.

Post

They change the state of the
server, so they are not idempotent.
They are also not cacheable.



POST / user_form.php

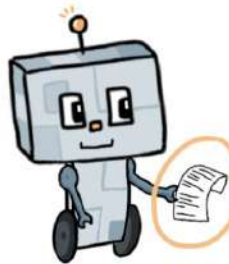


Successful POST requests
will return a 201 status
code (created).

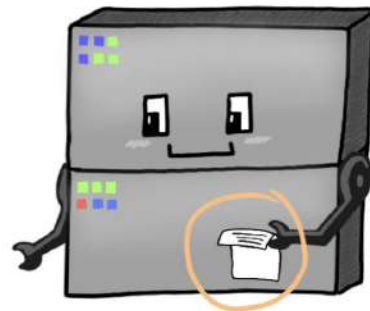
PUT

PUT is also used to create/update resources,
but unlike POST, it is idempotent

Calling multiple of the
Same PUT request does not
affect the server.



If the resource does
not exist, it will be created.



If the resource already
exists on the server, it will be
replaced with the new payload.

On Success,
will return a
200 (OK), 201 (created),
or 204 (no content) status.

PATCH

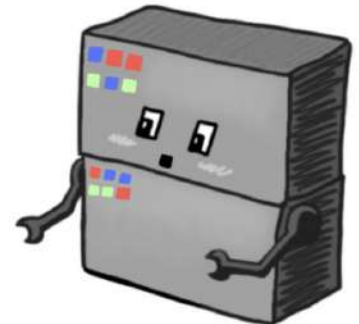
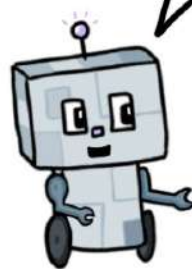
Like PUT, PATCH also updates a resource, but PATCH only modifies a specified part of it instead of updating the entire resource.



```
PATCH /users/1  
{ "email": "coolbot96@robotmail.com" }
```

Successful
PATCH methods
will return **2XX**

Coolbot96@robotmail.com ✗
↓
Coolbot97@robotmail.com ✓



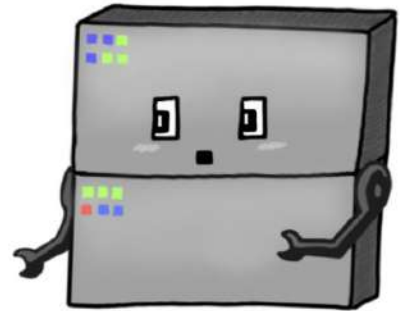
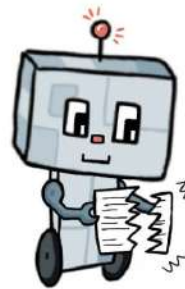
DELETE

The delete method is idempotent.

As suggested, it deletes a specified resource on the server.



DELETE /File.html



Successful DELETE requests return a 202 (accepted), 200 (OK), or 204 (no content) status.

DELETE requests the server to remove the resource identified by the request URL.