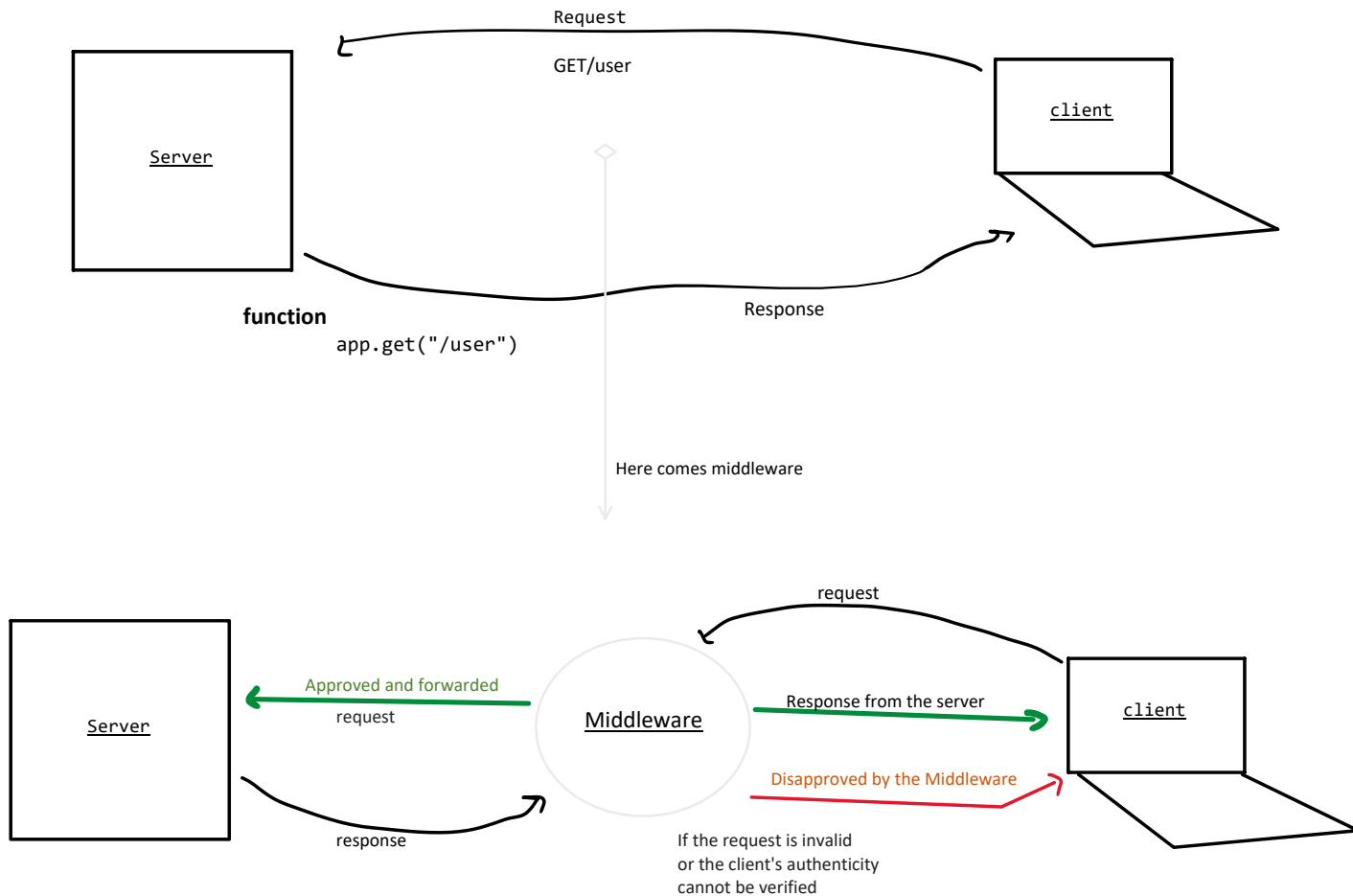# What is Middleware?

23 March 2024   01:24 AM

Middleware is a function which run on every request and response and determine whether to approve the request or return it back!

The functionality bears resemblance to that of a plugin

⭐ The application of this concept is well explained in the
🐦 RestAPIs repository

Request

GET/user

Server

client

function
`app.get("/user")`

Response

Here comes middleware

request

Server

Middleware

Approved and forwarded
request

Response from the server

client

response

Disapproved by the Middleware

If the request is invalid
or the client's authenticity
cannot be verified

Note:-

There can be many middleware in between the client and the server each severing their
own purpose
Suppose one middleware (M1) is used for authentication client
another (M2) for checking credentials and etc..