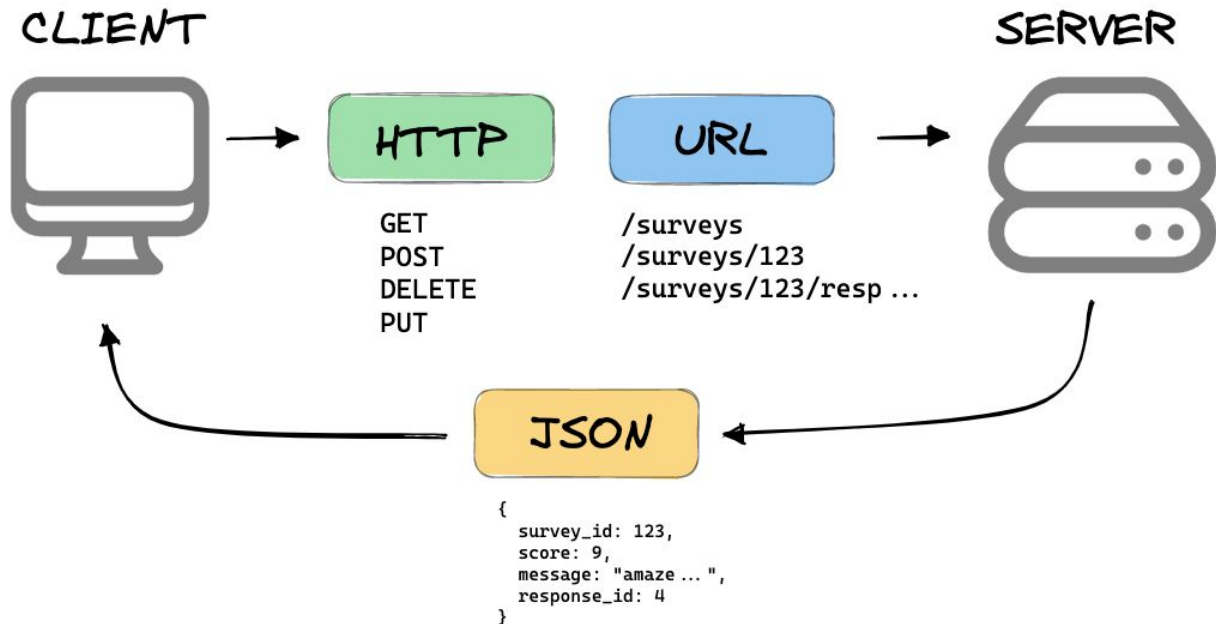
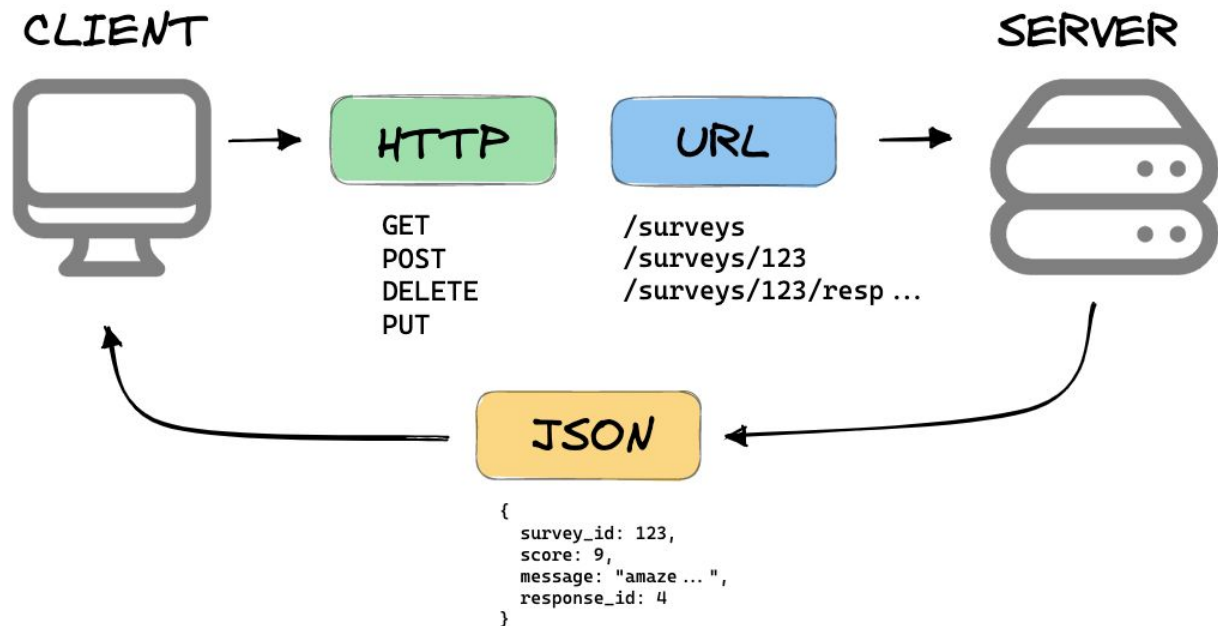


WHAT IS A REST ARCHITECTURE ?

(REpresentational State Transfer)

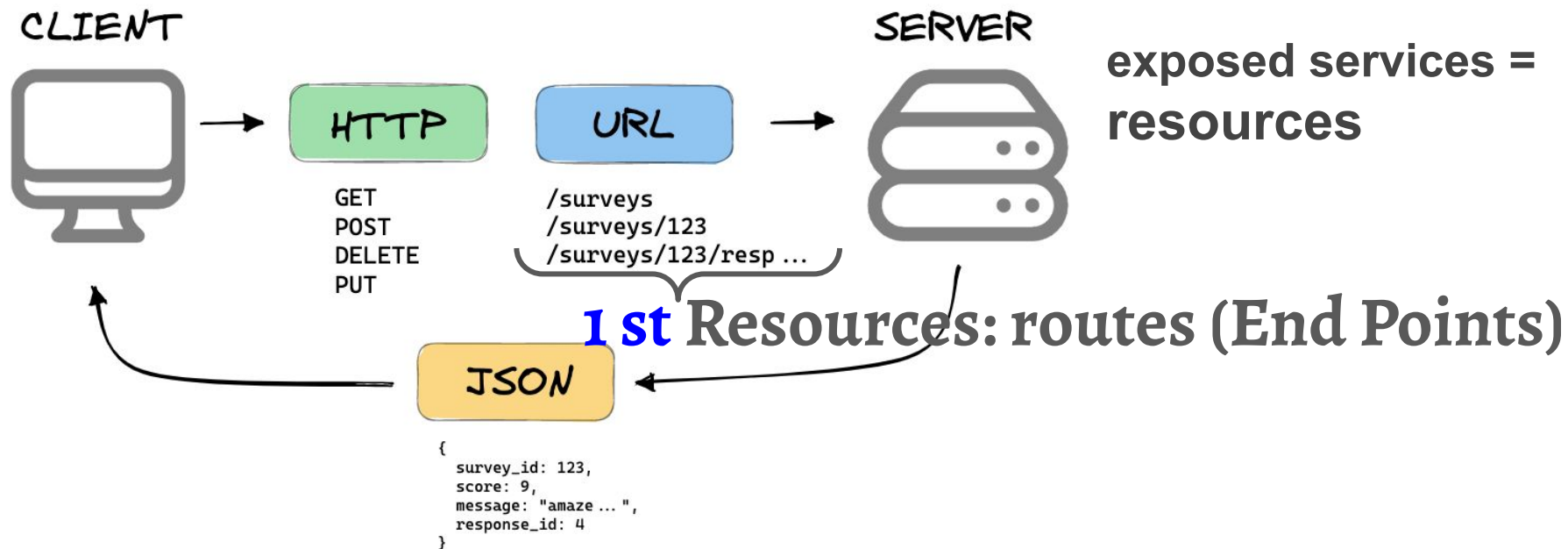


WHAT IS A REST ARCHITECTURE ?

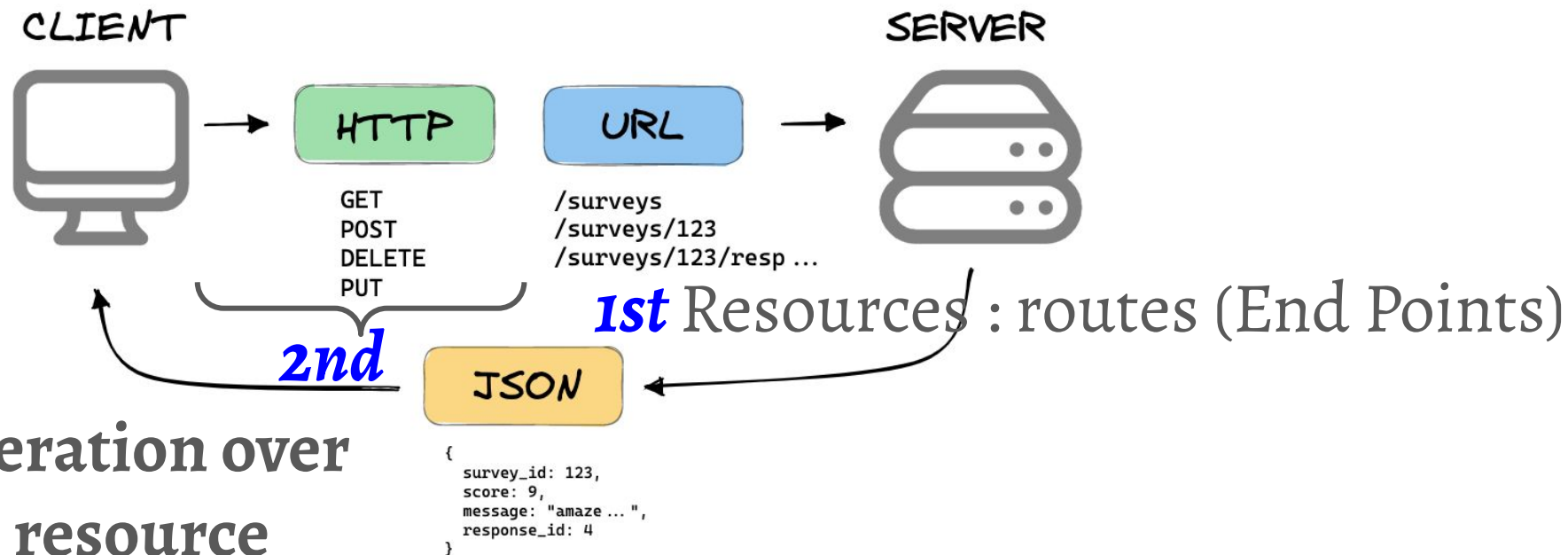


The server wants to expose its services to clients.

WHAT IS A REST ARCHITECTURE ?

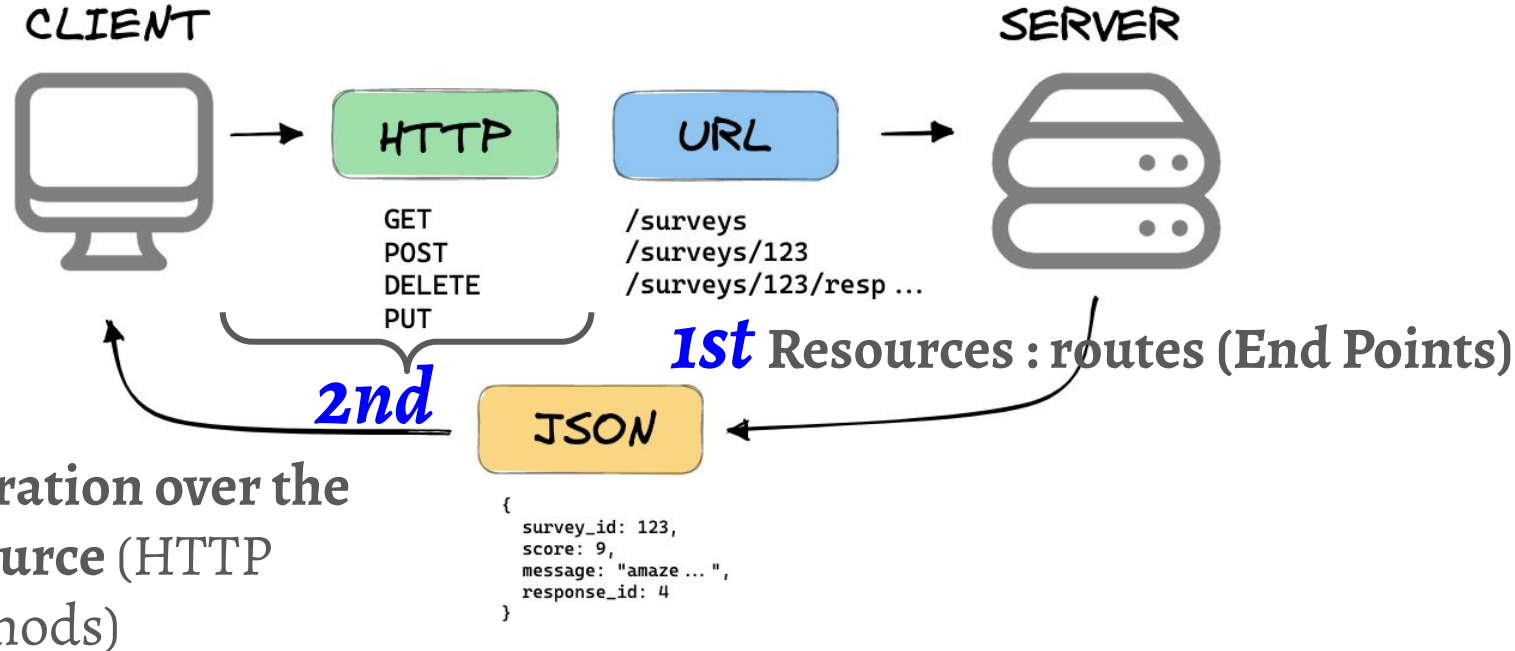


WHAT IS A REST ARCHITECTURE ?



Operation over
the resource
(HTTP methods)

WHAT IS A REST **API**?



WHAT IS A REST **API**?

URL: `http://example.com/surveys/123`

CLIENT

(example.com)

SERVER



HTTP

GET
POST
DELETE
PUT

URL

/surveys
/surveys/123
/surveys/123/resp ...



2nd

JSON

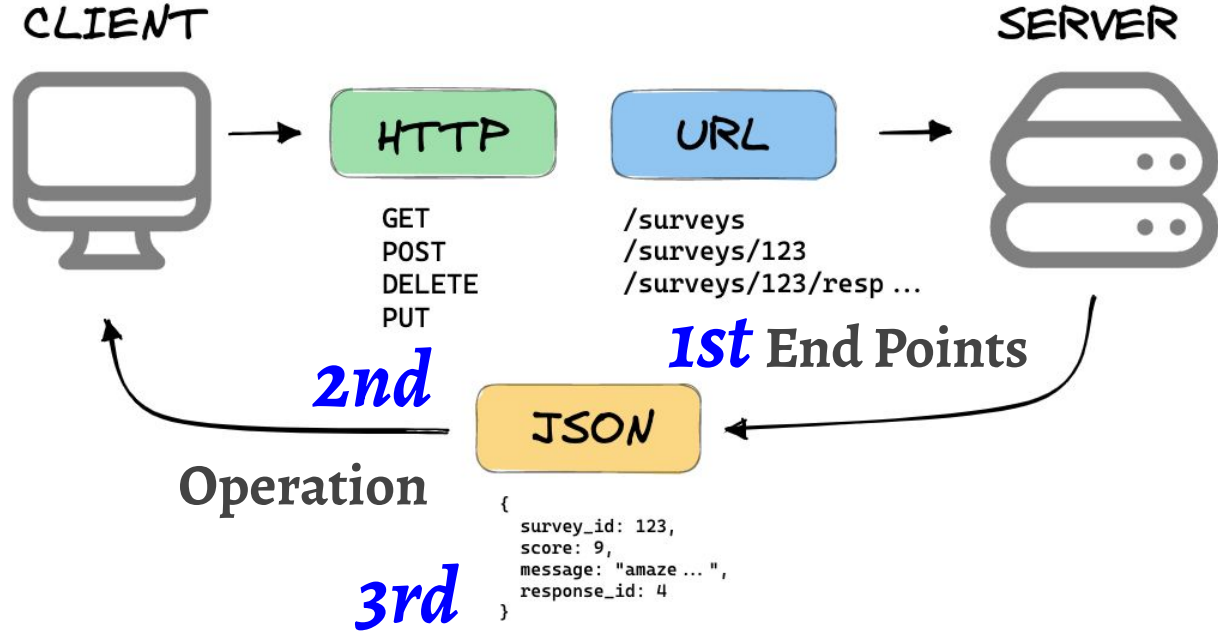
```
{  
  survey_id: 123,  
  score: 9,  
  message: "amaze ...",  
  response_id: 4  
}
```

1st Resources : routes (End Points)

Operation over the
resource (HTTP
methods)

WHAT IS A REST ARCHITECTURE ?

URL: `http://example.com/surveys/123`

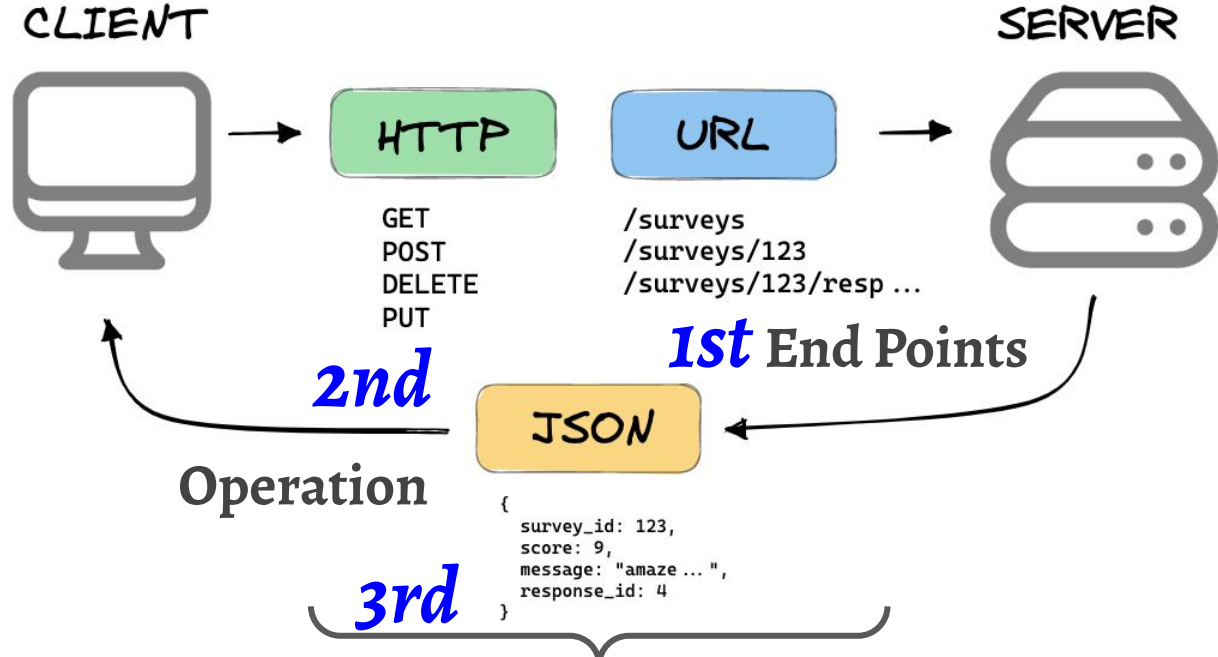


HTTP Status code:
200 OK, 404 Not Found...

mannhowie.com

WHAT IS A REST ARCHITECTURE ?

URL: `http://example.com/surveys/123`



HTTP status code +

Message body: **JSON**, XML

mannhowie.com