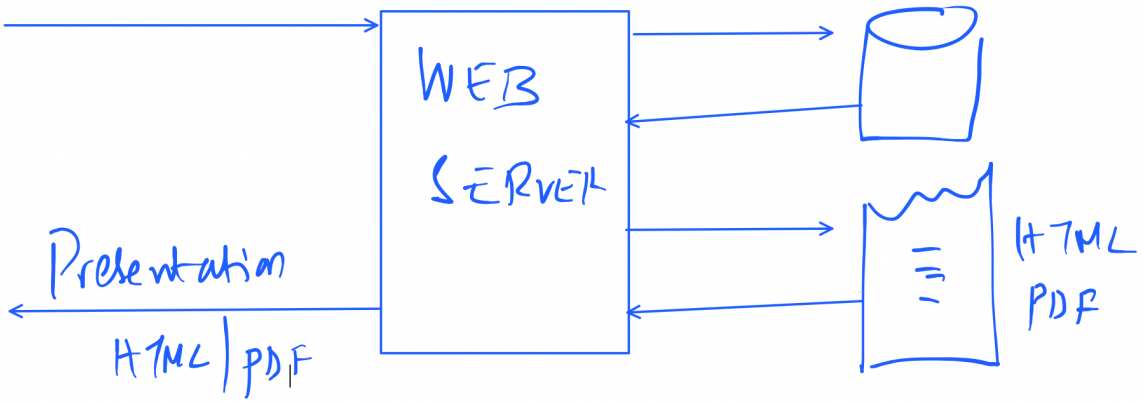
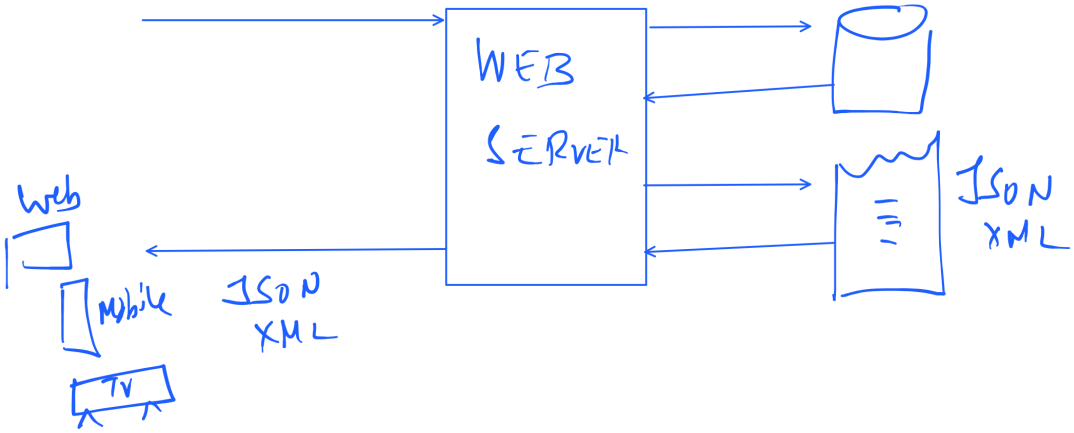
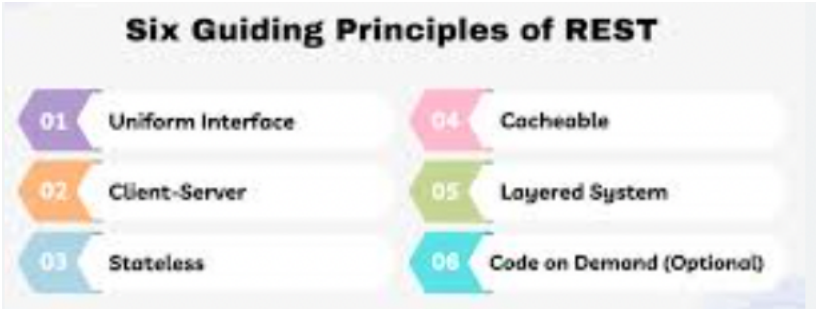
Server Side Rendering



Client Side Rendering





REST API

https://api.restaurant.com

See what's available to order

REST API

https://api.restaurant.com

See what's available to order

REST API

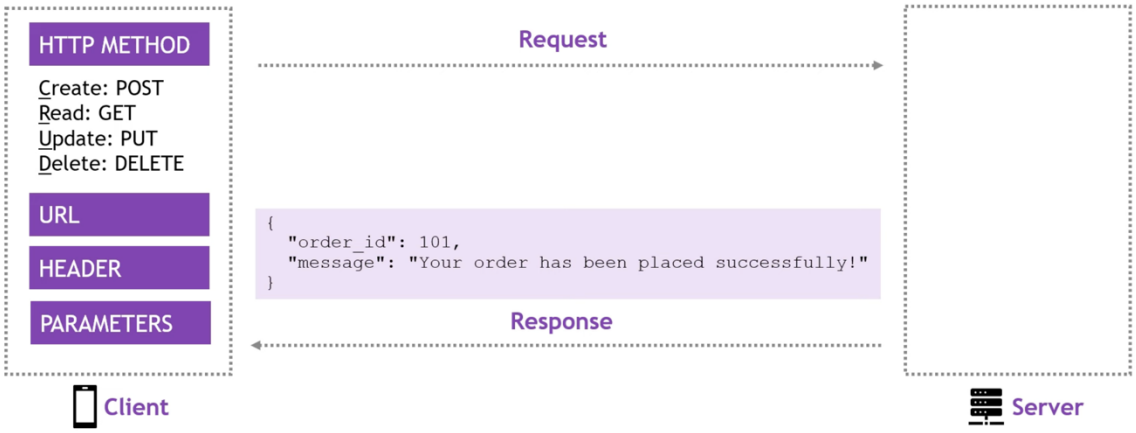
https://api.restaurant.com

Place an order for Margherita Pizza (id #1)

REST API

https://api.restaurant.com

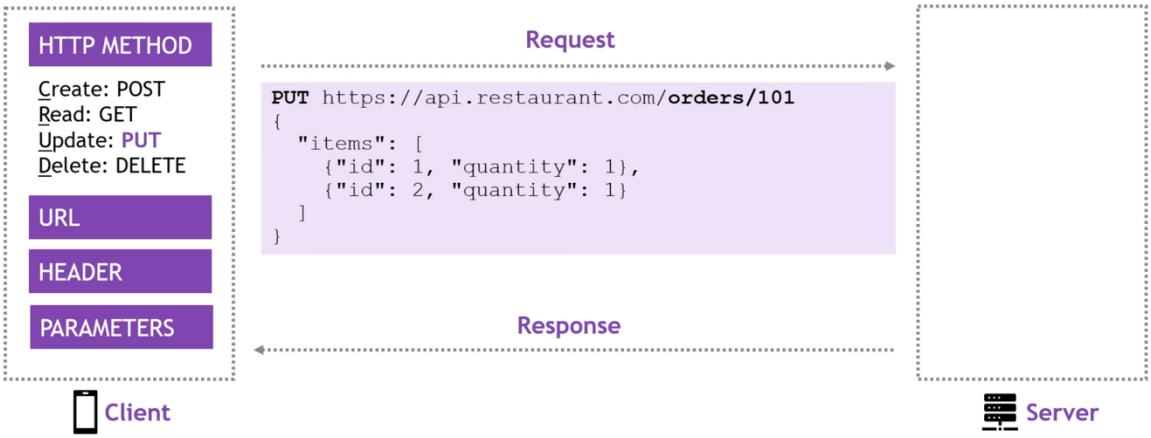
Place an order for Margherita Pizza (id #1)



REST API

https://api.restaurant.com

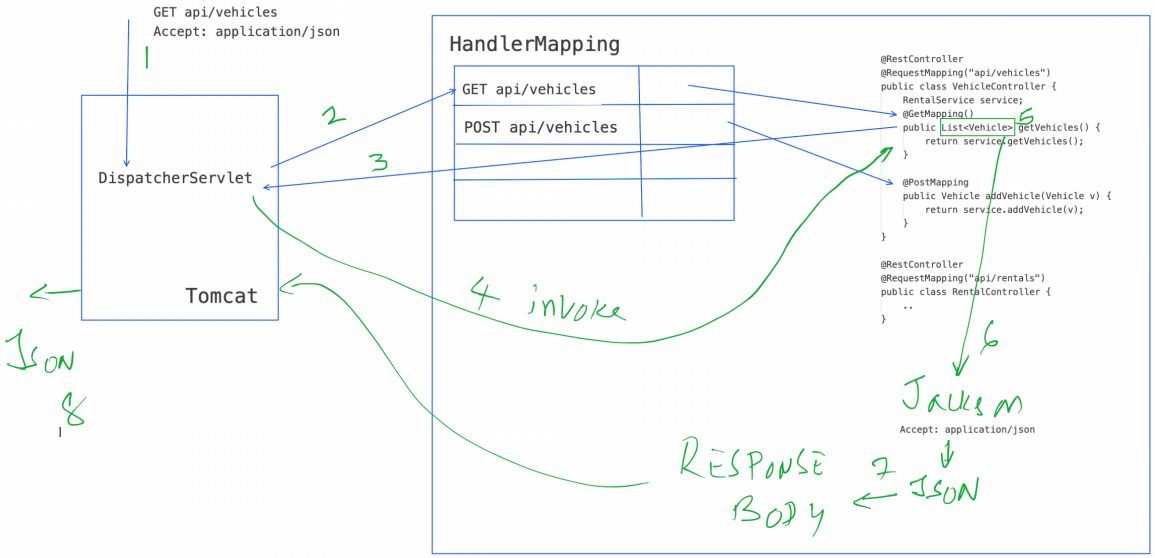
Update your order to add a Caesar Salad (id #2)

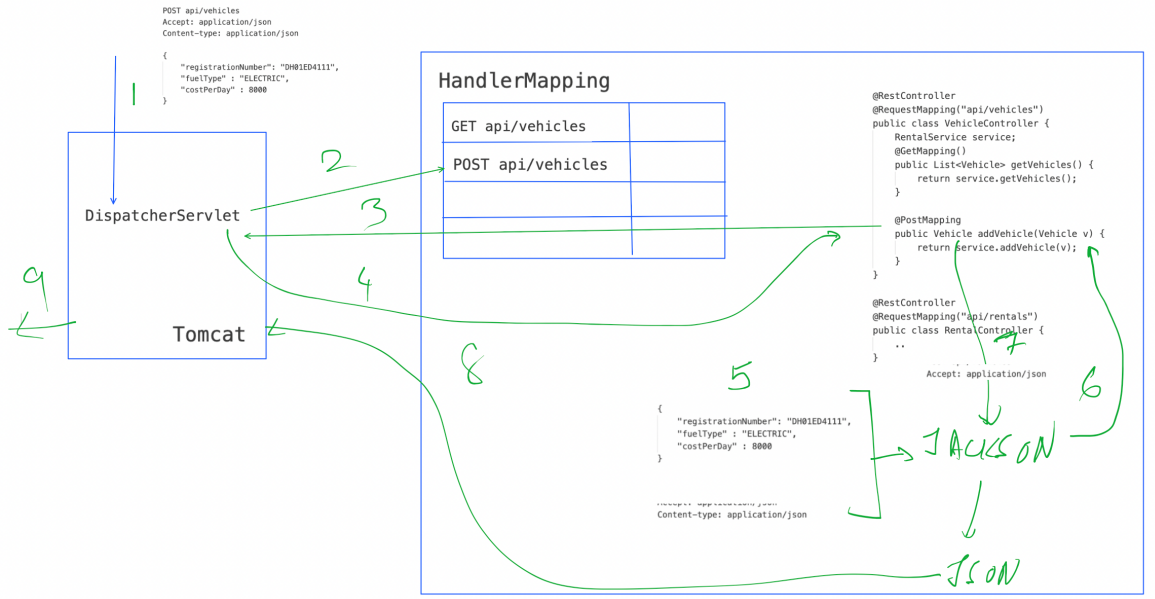


REST API

https://api.restaurant.com

Cancel your order


GET api/vehicles
Accept: application/json
1
DispatcherServlet
Tomcat
2
3
HandlerMapping
GET api/vehicles
POST api/vehicles
@RestController
@RequestMapping("api/vehicles")
public class VehicleController {
RentalService service;
@GetMapping()
public List<Vehicle> getVehicles() {
return service.getVehicles();
}
@PostMapping
public Vehicle addVehicle(Vehicle v) {
return service.addVehicle(v);
}
}
@RestController
@RequestMapping("api/rentals")
public class RentalController {
..
}
4 invoke
5
6
Jackson
Accept: application/json
7
JSON
RESPONSE BODY
JSON
8


POST api/vehicles
Accept: application/json
Content-type: application/json
{
"registrationNumber": "DH01ED4111",
"fuelType" : "ELECTRIC",
"costPerDay" : 8000
}
1
DispatcherServlet
Tomcat
2
3
4
9
HandlerMapping
GET api/vehicles
POST api/vehicles
@RestController
@RequestMapping("api/vehicles")
public class VehicleController {
RentalService service;
@GetMapping()
public List<Vehicle> getVehicles() {
return service.getVehicles();
}
@PostMapping
public Vehicle addVehicle(Vehicle v) {
return service.addVehicle(v);
}
}
@RestController
@RequestMapping("api/rentals")
public class RentalController {
..
}
7
Accept: application/json
6
5
{
"registrationNumber": "DH01ED4111",
"fuelType" : "ELECTRIC",
"costPerDay" : 8000
}
Content-type: application/json
JACKSON
JSON
8