A Web Page

https://

JS

http://localhost/api/vehicles?format=kml

http://localhost/api/vehicles.kml

Accept: text/csv

json / xml

json / xml

json

ConsoleClient
(REST API)

ConsoleClient
(gRPC)

grpc

html

Vehicles
(Razor Pages)

EF
Core

Vehicles.Api
(WebApi)

Radio.Api
(Middleware)

Tracking.Api
(gRPC)

Request

Response

Use()

Use()

Run()

Request

Response

Logger Middleware

Authorization Middleware

Run()

Response

Request

next()

Logger Middleware

next()

next()

Authorization Middleware

next()

next()

Run()

request

response

A Web Page

https://localhost:5000/api/vehicles

request →

Vehicles.Api.exe
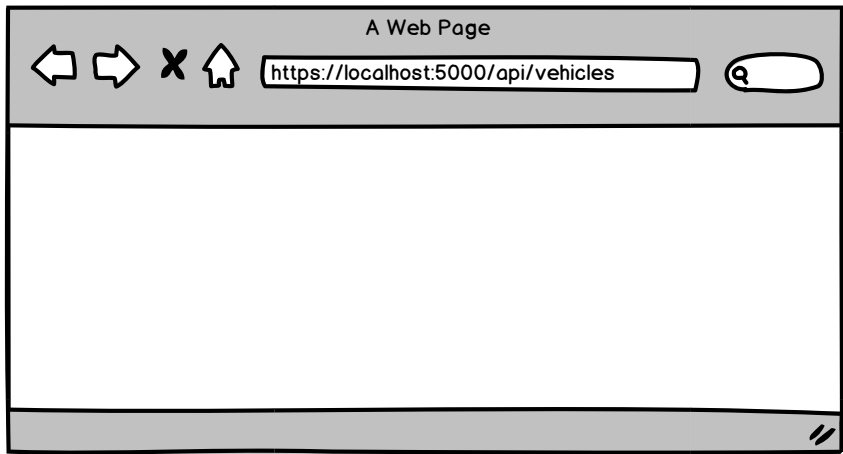
5000 / 5001

Kestrel

HTTP Request

VehiclesController
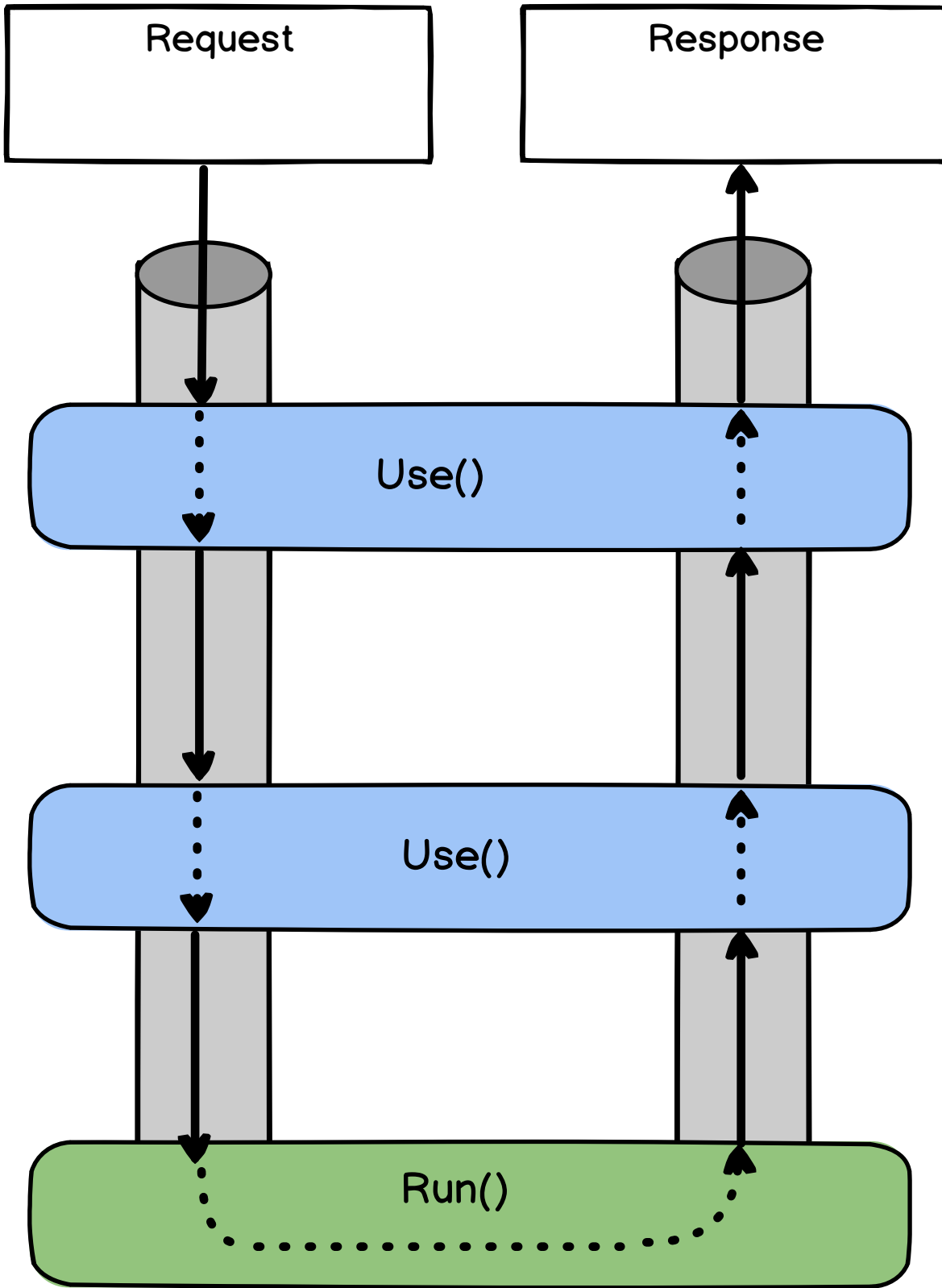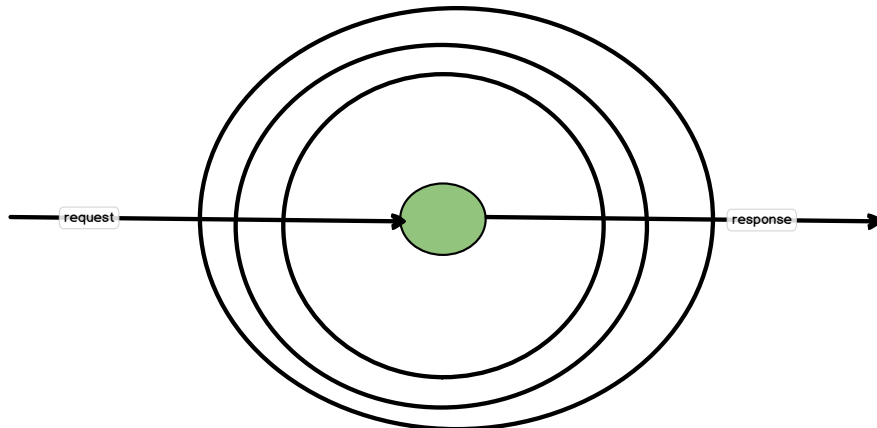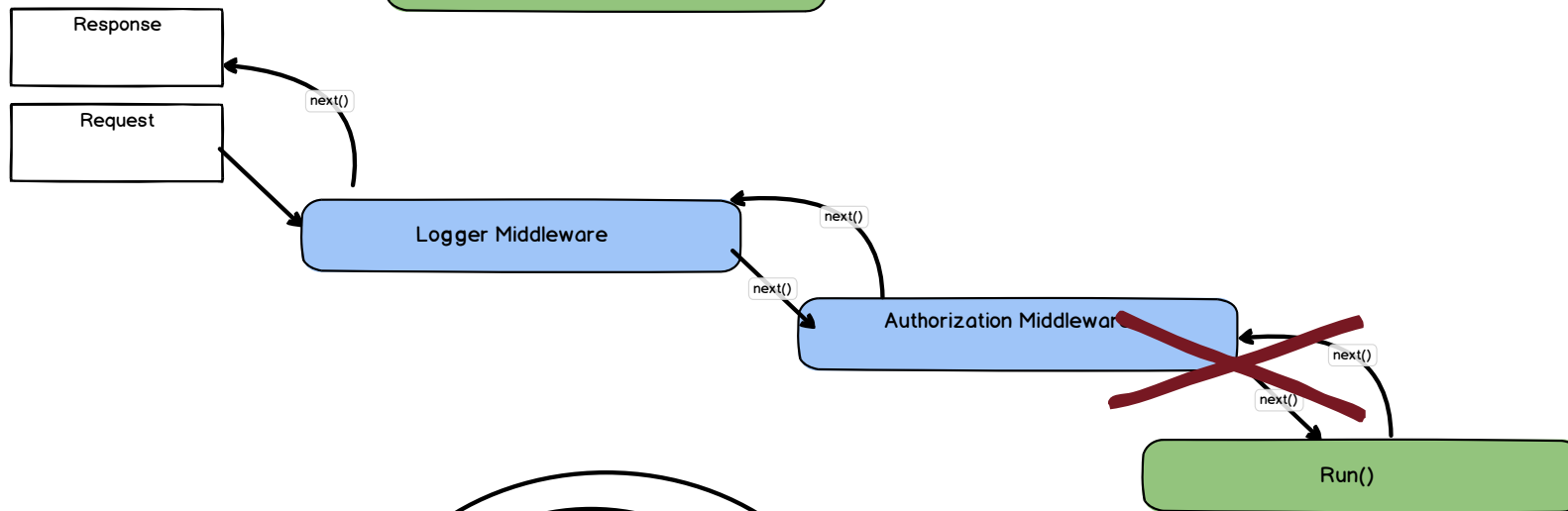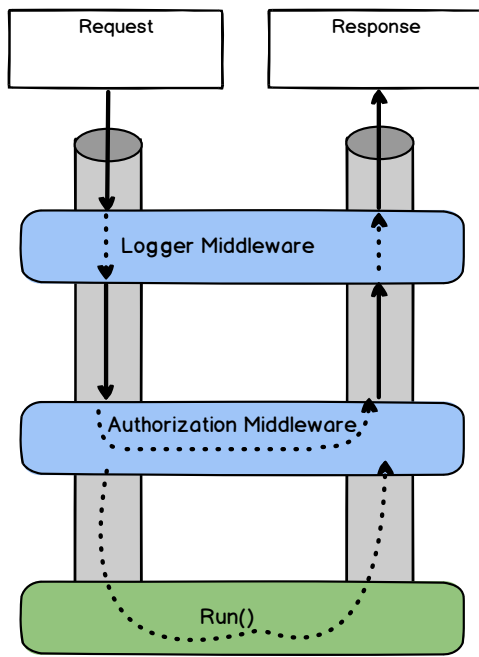
GET https://localhost:5000/api/vehicles

GET https://localhost:5000/api/vehicles/10

Open Api (Swagger)

POST api/vehicles HTTP/1.1
host: localhost
content-type: application/json
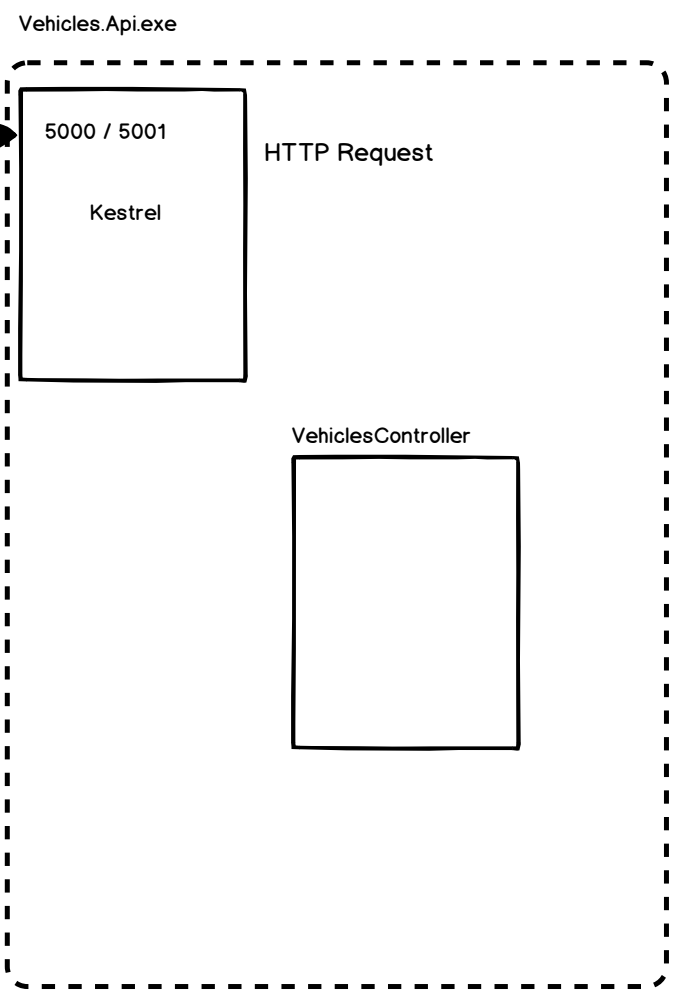
{json}

GET api/vehicles HTTP/1.1
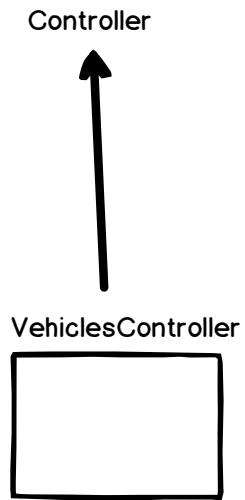
host: localhost
accept: application/json

json

count | defaultModel

xml

defaultModel | timeout

IConfiguration

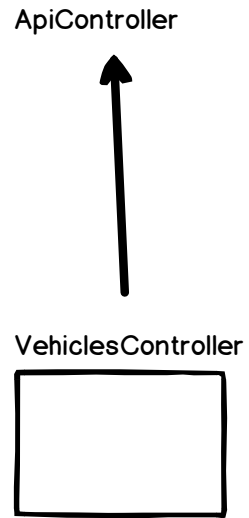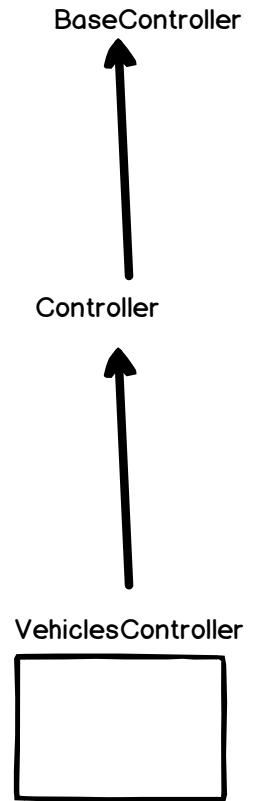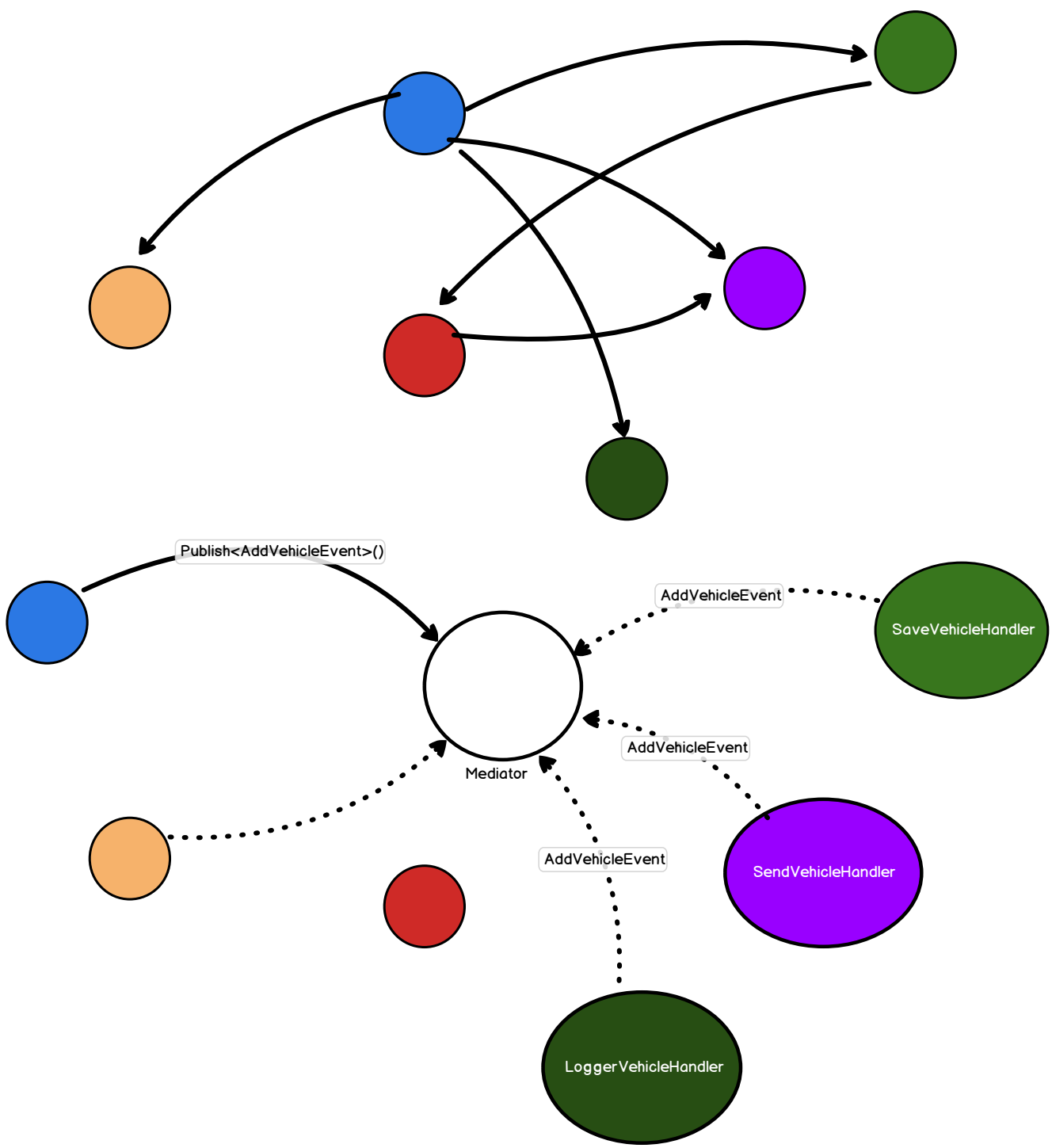# ASP.NET MVC

Controller

↑

VehiclesController

WebAPI

ApiController

↑

VehiclesController

ASP.NET Core

BaseController

↑

Controller

↑

VehiclesController

Publish<AddVehicleEvent>()

Mediator

AddVehicleEvent

AddVehicleEvent

AddVehicleEvent

SaveVehicleHandler

SendVehicleHandler

LoggerVehicleHandler
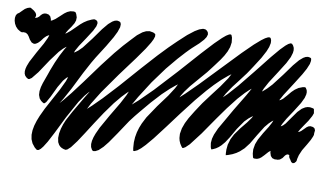
Publish<TNotification>()

Notification
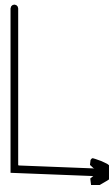
INotificationHandler<TNotification>

TResponse = Send(TRequest)

Request

Response

IRequestHandler