WebAPI

Controller

GET api/products

GET api/products/{id}

json

SQL

recordset

SQL Server

IIS / Apache / nginx

```
T item  = new T();
```

```
T Factory.Resolve<T>()
```

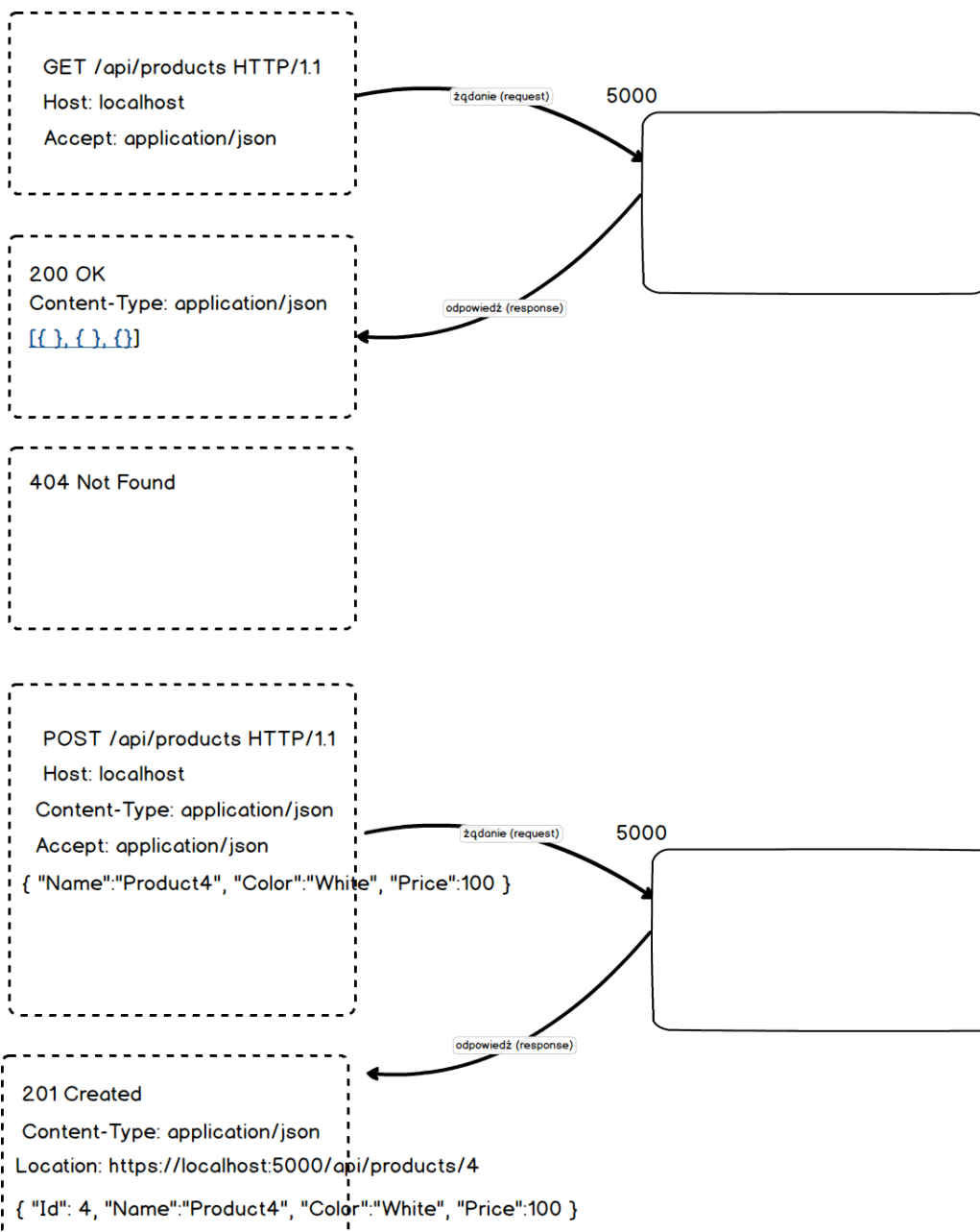| Type	Value
IProductRepository	DbProductRepository
ICustomerRepository	FakeCustomerRepository

Controller	ApiController
View()	Ok()
	NotFound()

ControllerBase

Ok()

NotFound()

Controller : ControllerBase

View()

GET /api/products HTTP/1.1
Host: localhost
Accept: application/json

żądanie (request)   5000

200 OK
Content-Type: application/json
[{ }, { }, {}]

odpowiedż (response)

404 Not Found

POST /api/products HTTP/1.1
Host: localhost
Content-Type: application/json
Accept: application/json
{ "Name":"Product4", "Color":"White", "Price":100 }

żądanie (request)   5000

201 Created
Content-Type: application/json
Location: https://localhost:5000/api/products/4
{ "Id": 4, "Name":"Product4", "Color":"White", "Price":100 }

odpowiedż (response)

Akcje HTTP (HTTP Methods)

GET - pobierz
POST - utwórz
PUT - zamień
PATCH - zmień
DELETE - usuń

myblog.com/posts/net-core
myblog.com/posts/net-core/hello-world
myblog.com/posts/net-core/web-api

myblog.com/posts/ef-core

SOAP, WCF   RPC (Remote Procedure Calls)

REST API   Resources

POST https://localhost:5000/api/reports

GET https://localhost:5000/api/reports/{reportId}