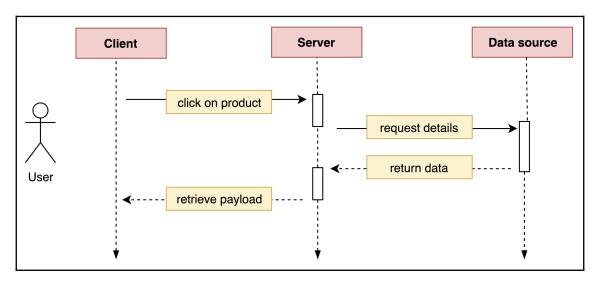
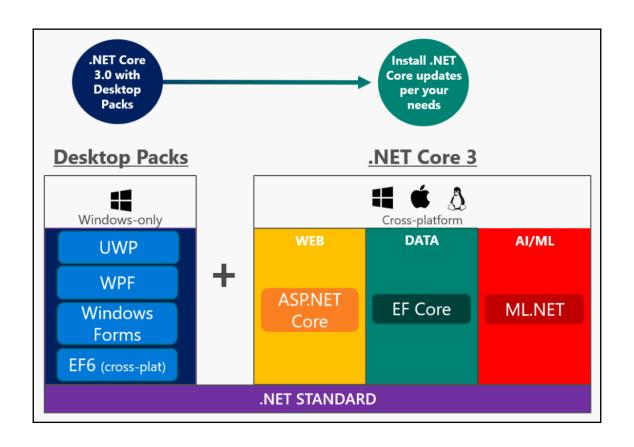
## **Chapter 1: REST 101 and Getting Started with ASP.NET Core**

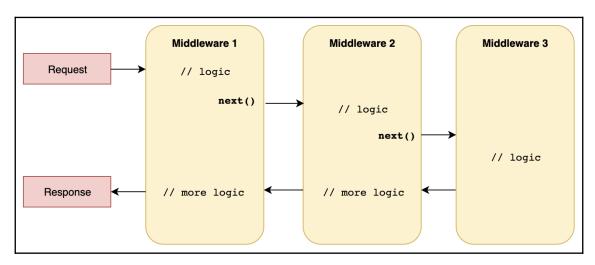


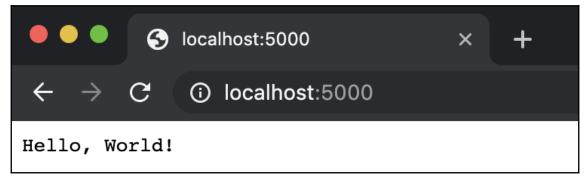




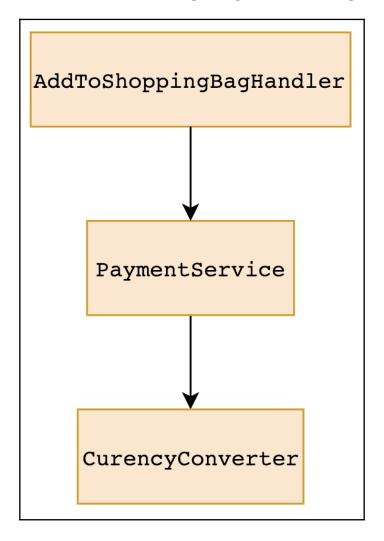
## **Chapter 2: Overview of ASP.NET Core**

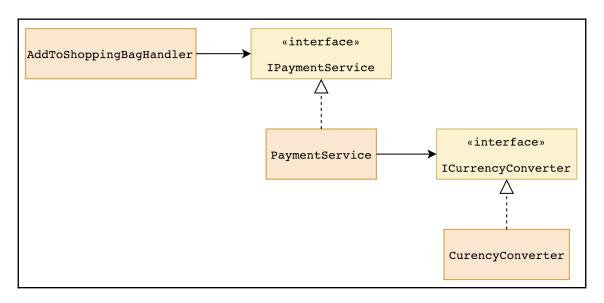
# **Chapter 3: Working with the Middleware Pipeline**

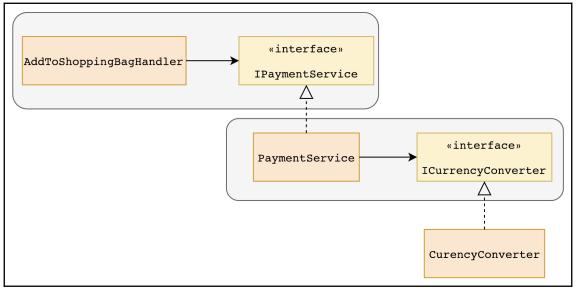




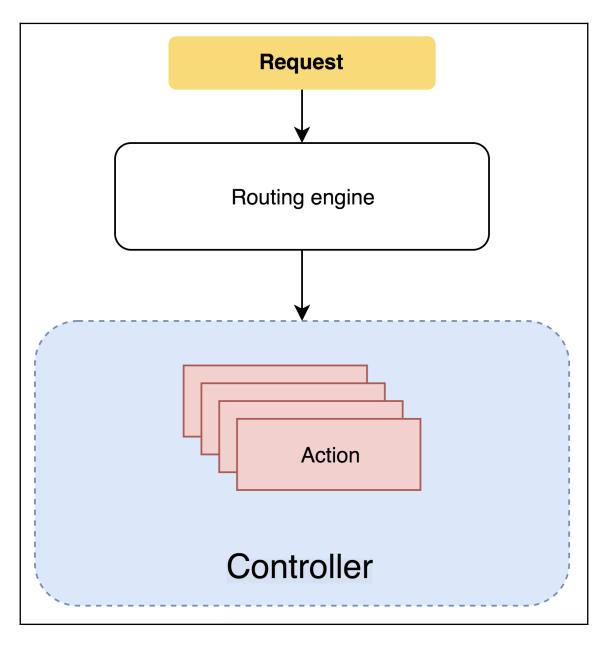
### **Chapter 4: Dependency Injection System**

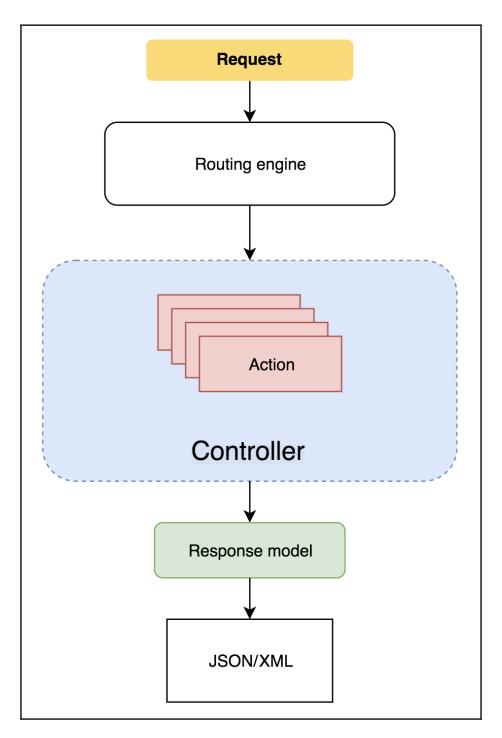


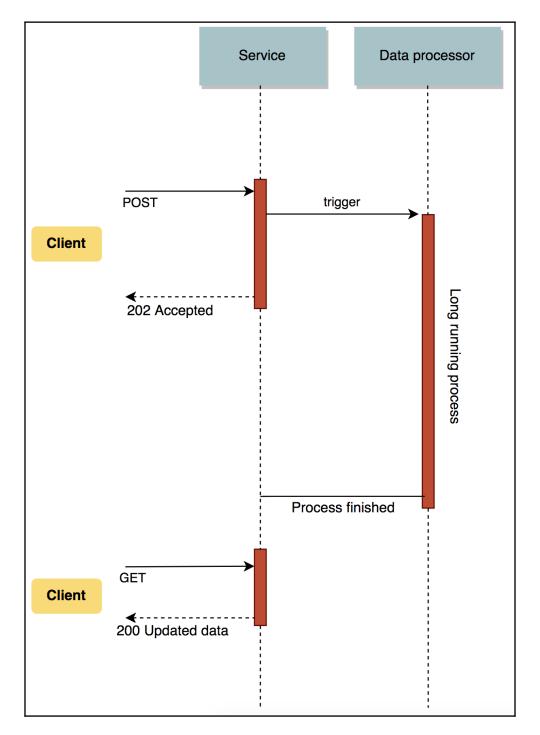


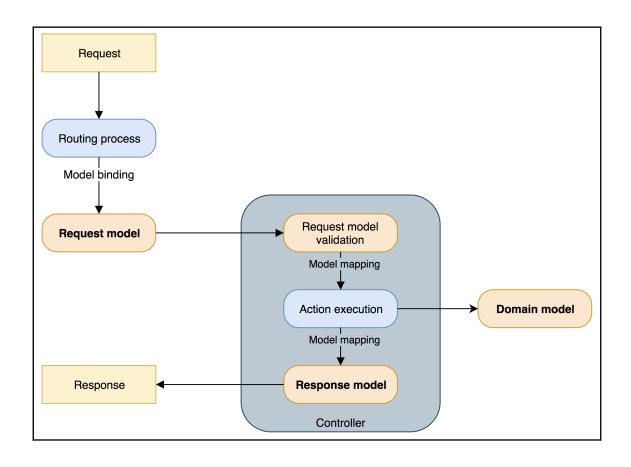


# **Chapter 5: Web Service Stack in ASP.NET Core**

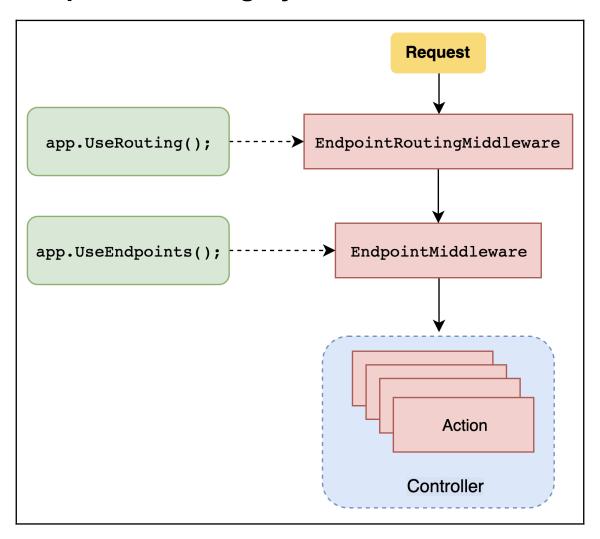




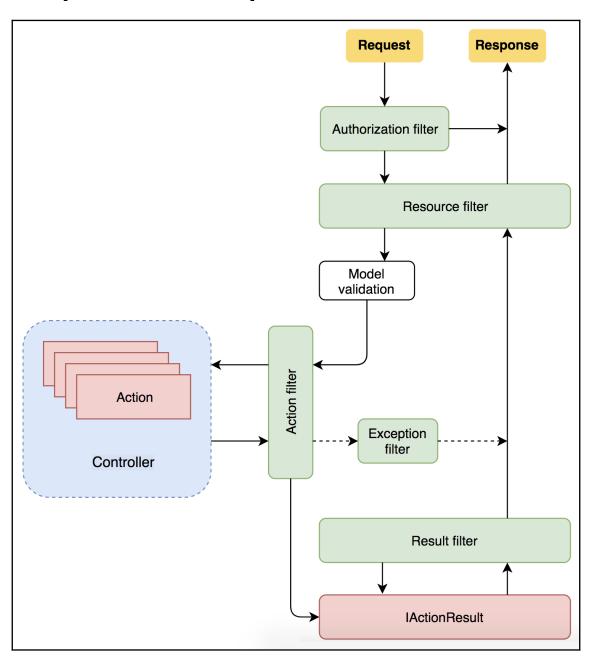




### **Chapter 6: Routing System**



### **Chapter 7: Filter Pipeline**



### An unhandled exception occurred while processing the request.

### Exception: My custom exception

 $HandsOnRest. Handling Requests. Controllers. Orders Controller. Get () in \verb|OrdersController.cs|, line 29| \\$ 

Stack

Query Cook

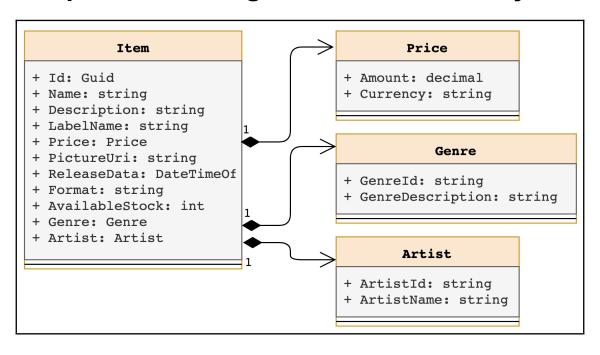
Cookies Headers

#### Exception: My custom exception

```
Hands On Rest. Handling Requests. Controllers. Orders {\tt Controller.Get()} \ in \ {\tt OrdersController.cs}
```

```
23.
24.
            }
25.
26.
            [HttpGet]
27.
            public IActionResult Get()
28.
29.
                throw new Exception("My custom exception");
30.
                return Ok(Map( ordersRepository.Get()));
31.
32.
33.
            [HttpGet("{id:guid}")]
34.
            [OrderExists]
35.
            public IActionResult GetById(Guid id)
```

### **Chapter 8: Building the Data Access Layer**



### **Chapter 9: Implementing the Domain Logic**

```
[xUnit.net 00:00:01.92] Finished: Catalog.Infrastructure.Tests

✓ Catalog.Domain.Tests.Services.ItemServiceTests.getitems_should_return_right_data [137ms]

✓ Catalog.Domain.Tests.Services.ItemServiceTests.edititem_should_add_right_entity [112ms]

✓ Catalog.Domain.Tests.Services.ItemServiceTests.additem_should_add_right_entity [15ms]

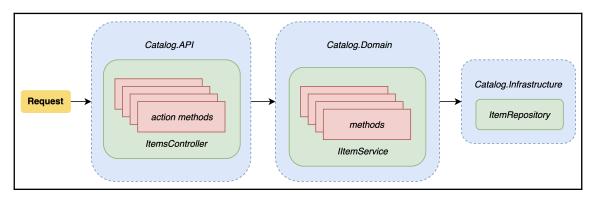
✓ Catalog.Domain.Tests.Services.ItemServiceTests.getitem_should_return_right_data(guid: "b5b05534-9263-448c-a69e-0bbd8b3eb90e") [5ms]

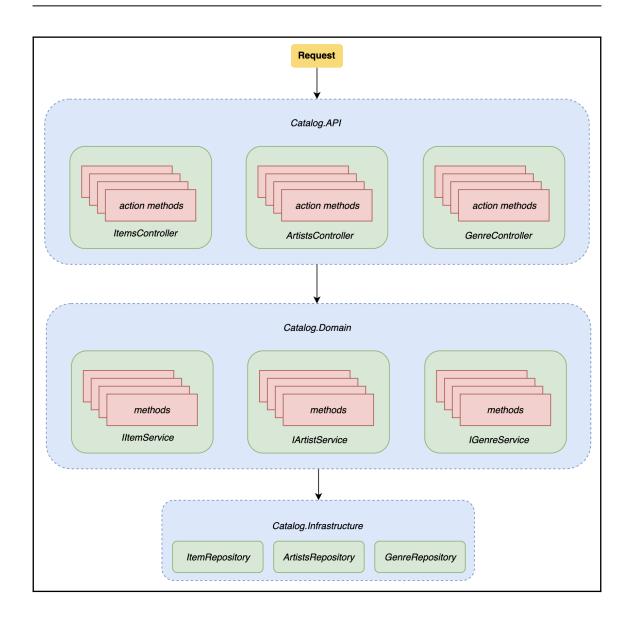
✓ Catalog.Domain.Tests.Services.ItemServiceTests.getitem_should_thrown_exception_with_null_id [4ms]

Test Run Successful.
Total tests: 10

Passed: 10
```

# **Chapter 10: Implementing the RESTful HTTP Layer**

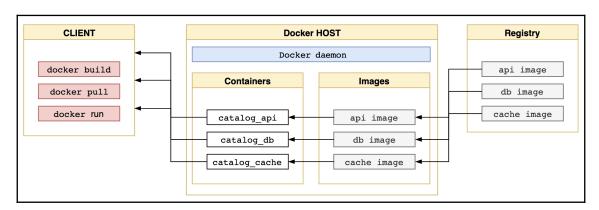


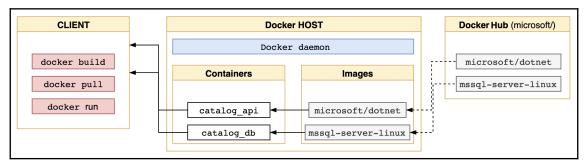


# **Chapter 11: Advanced Concepts of Building an API**

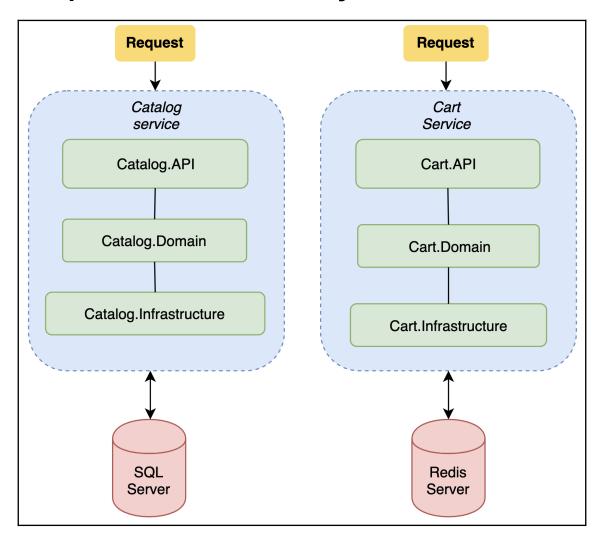
No images...

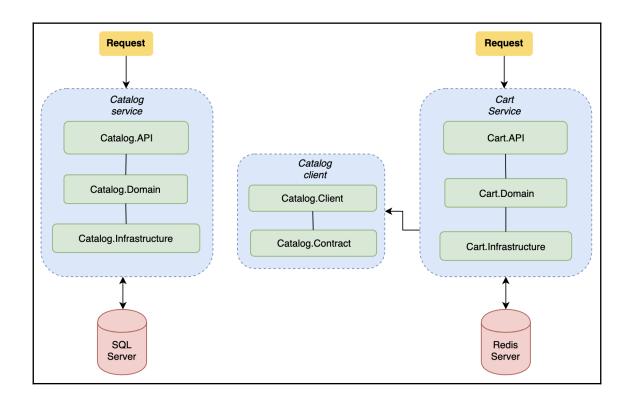
## **Chapter 12: The Containerization of Services**

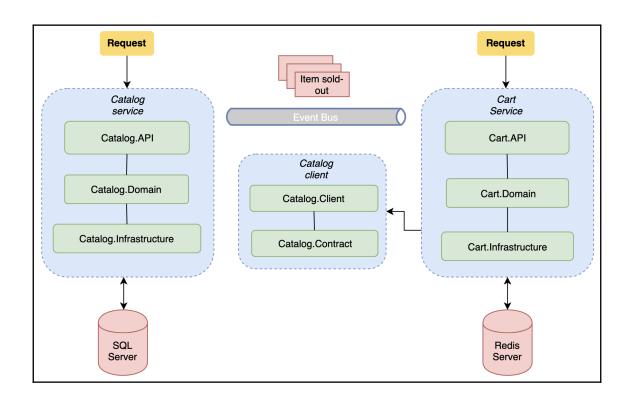




### **Chapter 13: Service Ecosystem Patterns**



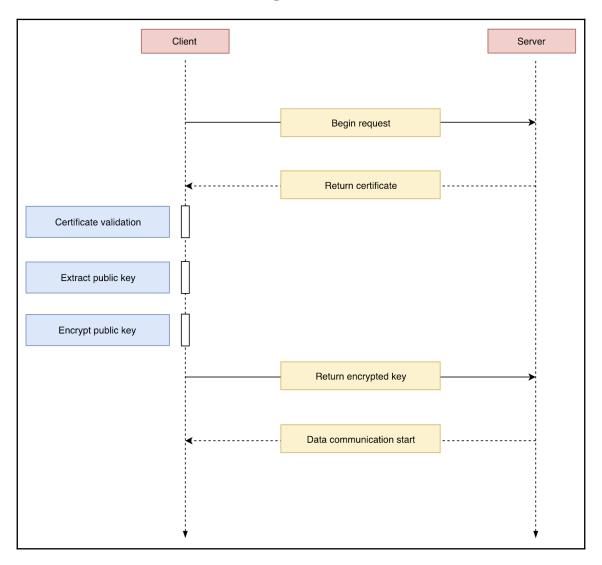


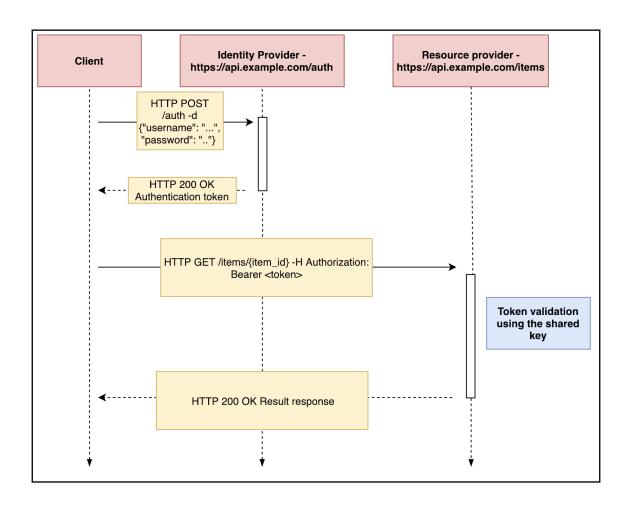


# **Chapter 14: Implementing Worker Services Using .NET Core**

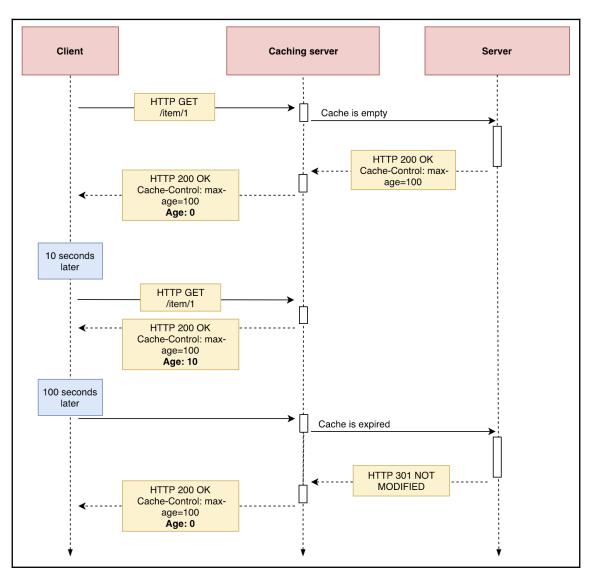
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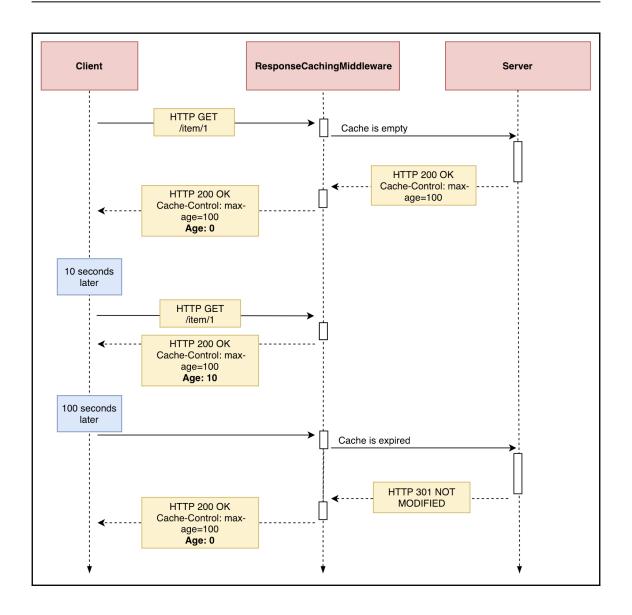
### **Chapter 15: Securing Your Service**



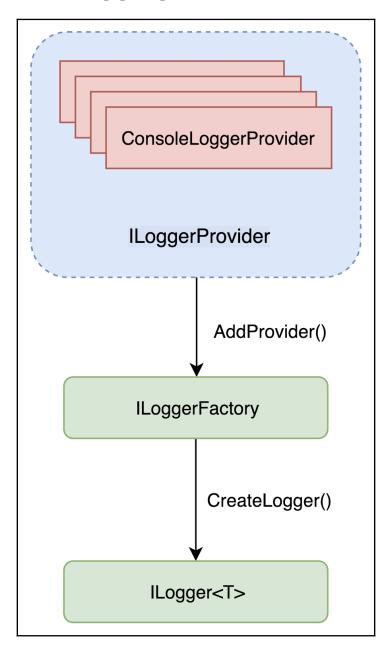


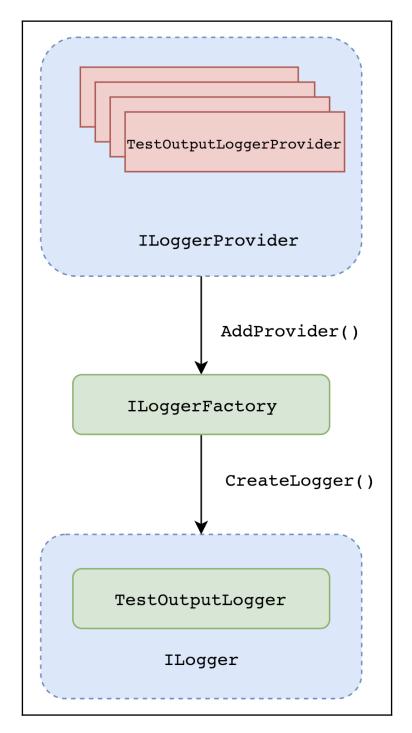
# **Chapter 16: Caching Web Service Responses**



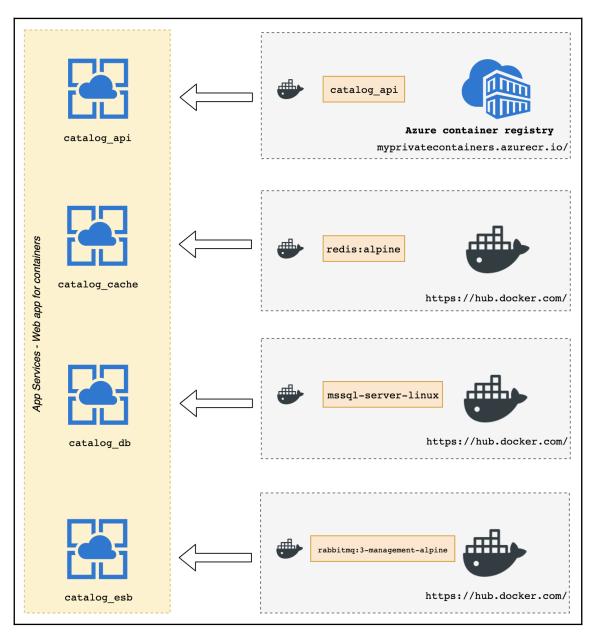


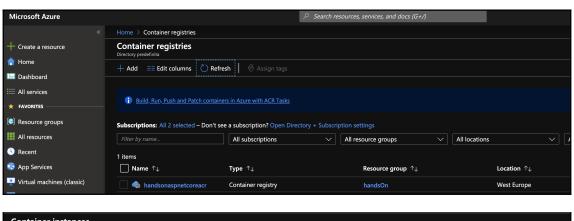
### **Chapter 17: Logging and Health Checking**

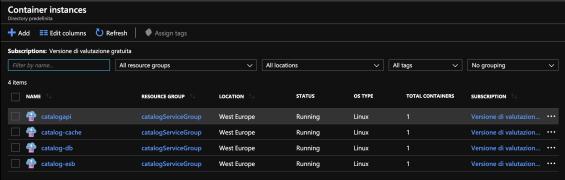


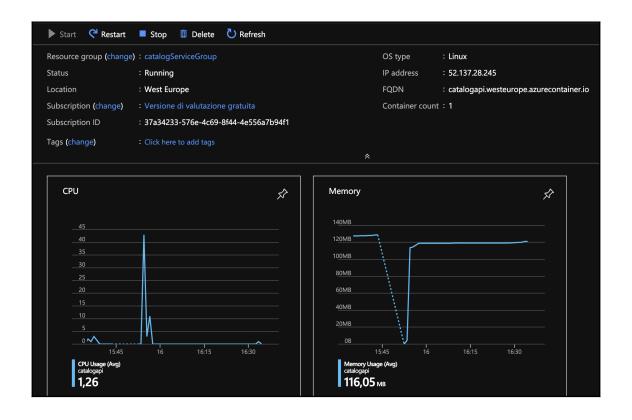


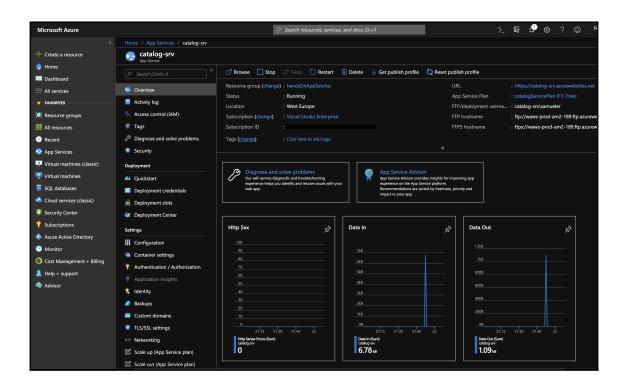
### **Chapter 18: Deploying Services on Azure**



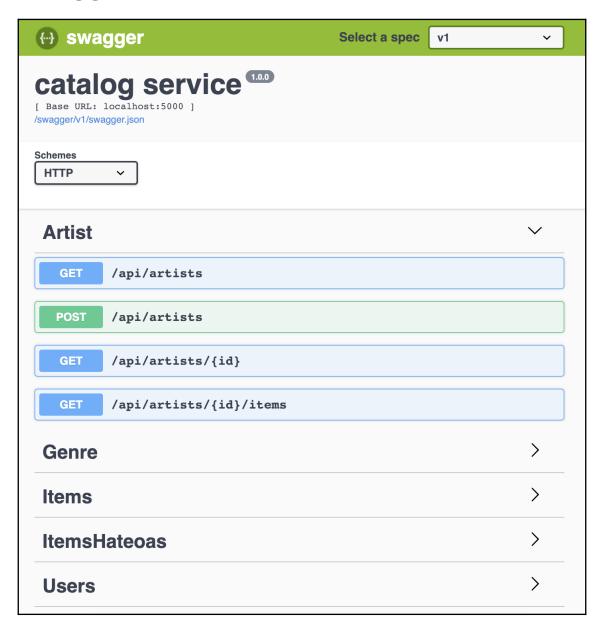


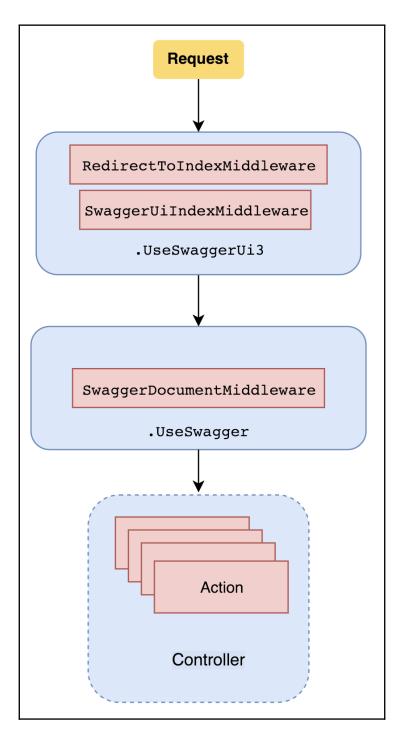






# **Chapter 19: Documenting Your API Using Swagger**





### **Chapter 20: Testing Services Using Postman**

