

**BTK**  
**AKADEMİ**

# Asp.Net ile Web Programlama

Doç. Dr. Zafer CÖMERT



# Bölüm 3

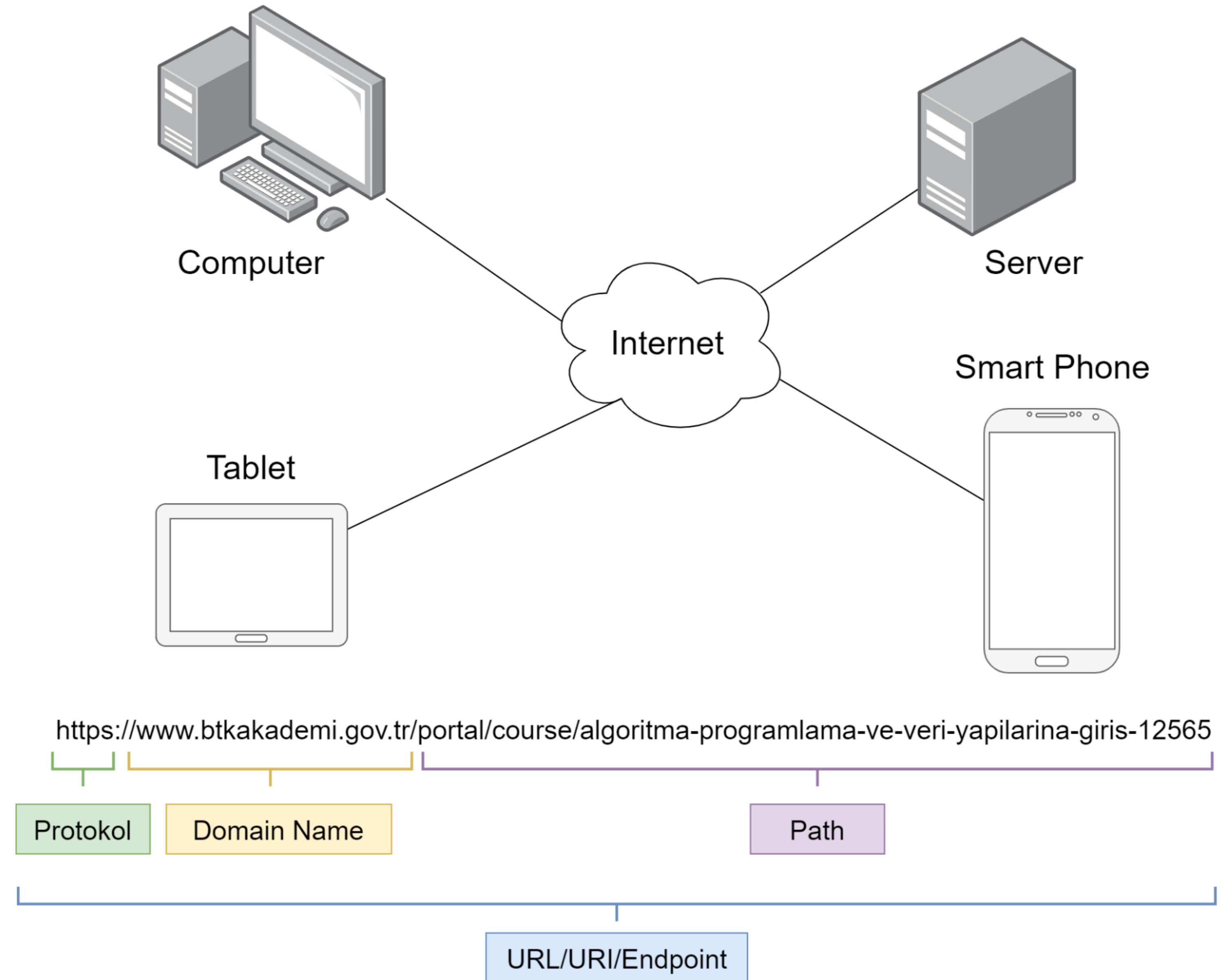
## .NET ve ASP.NET Core Giriş

# Giriş

## İçerik

- .NET Core Çalışma Modeli
- ASP.NET Core Mimarisi ve Bileşenleri
- İş Hattı (Pipeline)
- Middleware
- dotnet CLI
- Proje Şablonları

# HTTP



# Giriş

## NET Platformu



- ☐ Runtime
- ☐ Base Class Library
- ☐ SDK
- ☐ ASP.NET Core
- ☐ EF Core

## CLR

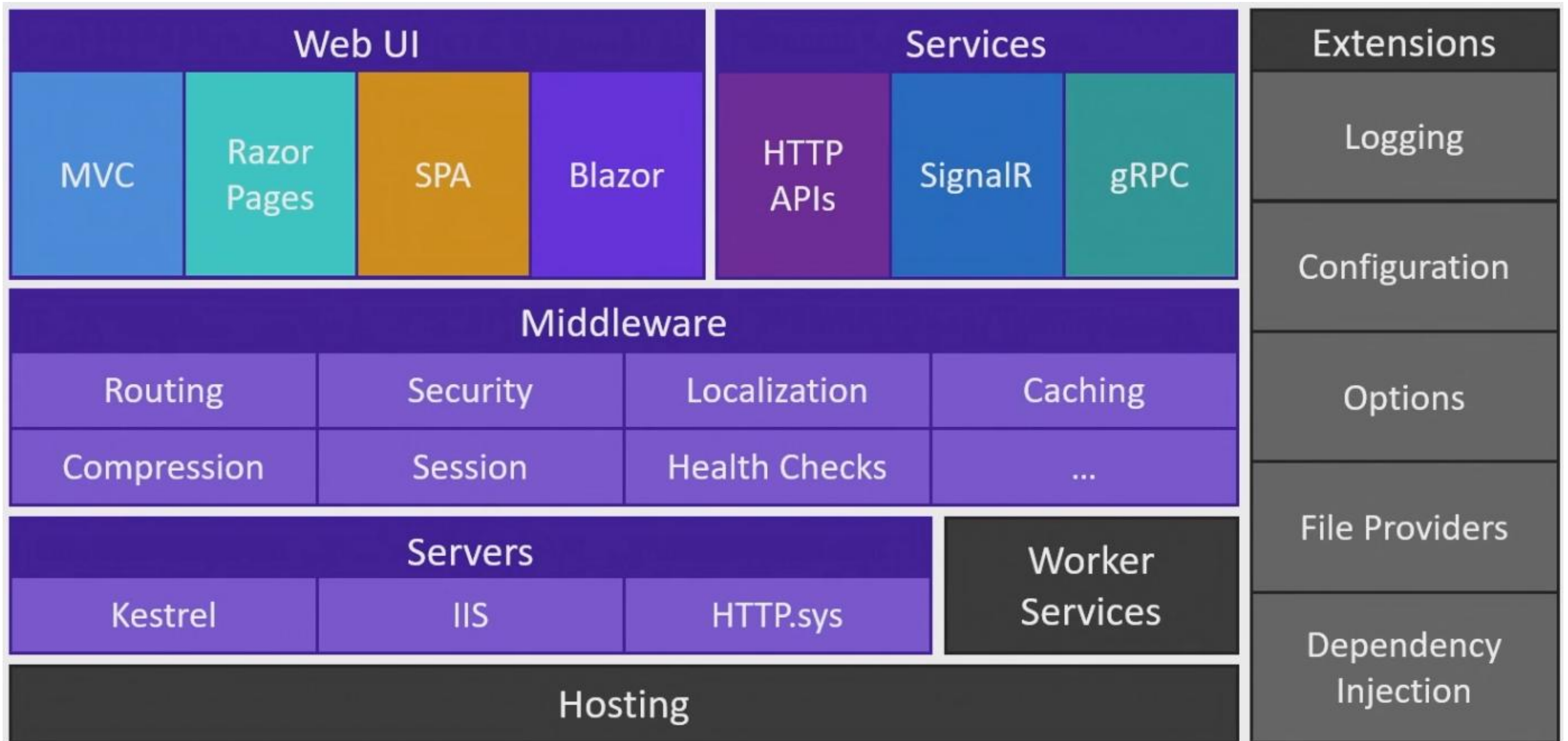


- ☐ Garbage Collection
- ☐ Type Safety
- ☐ Exception Handling
- ☐ JIT

## Cross – Platform

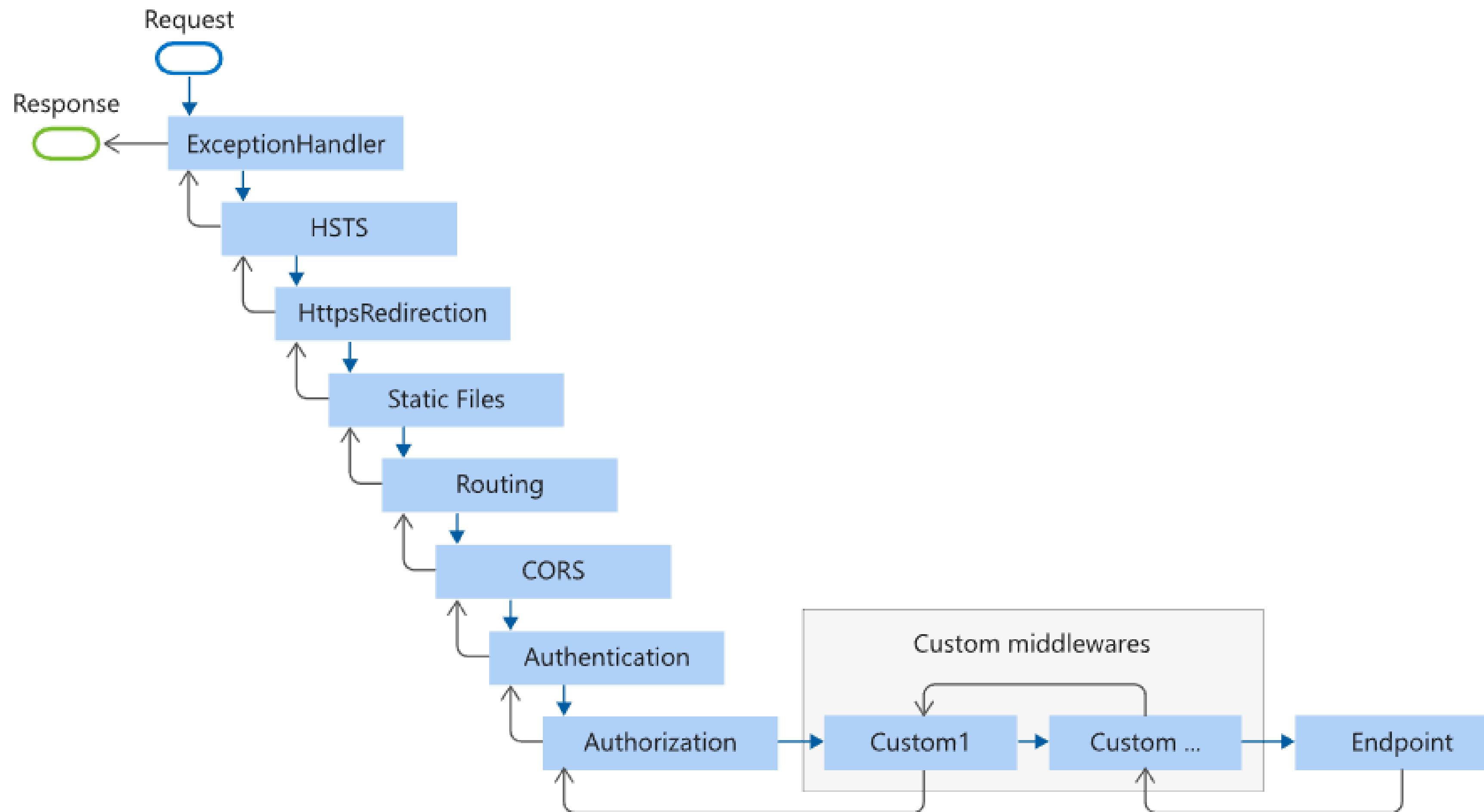


- ☐ Windows, Linux, macOS
- ☐ Docker
- ☐ Azure, AWS, GCP

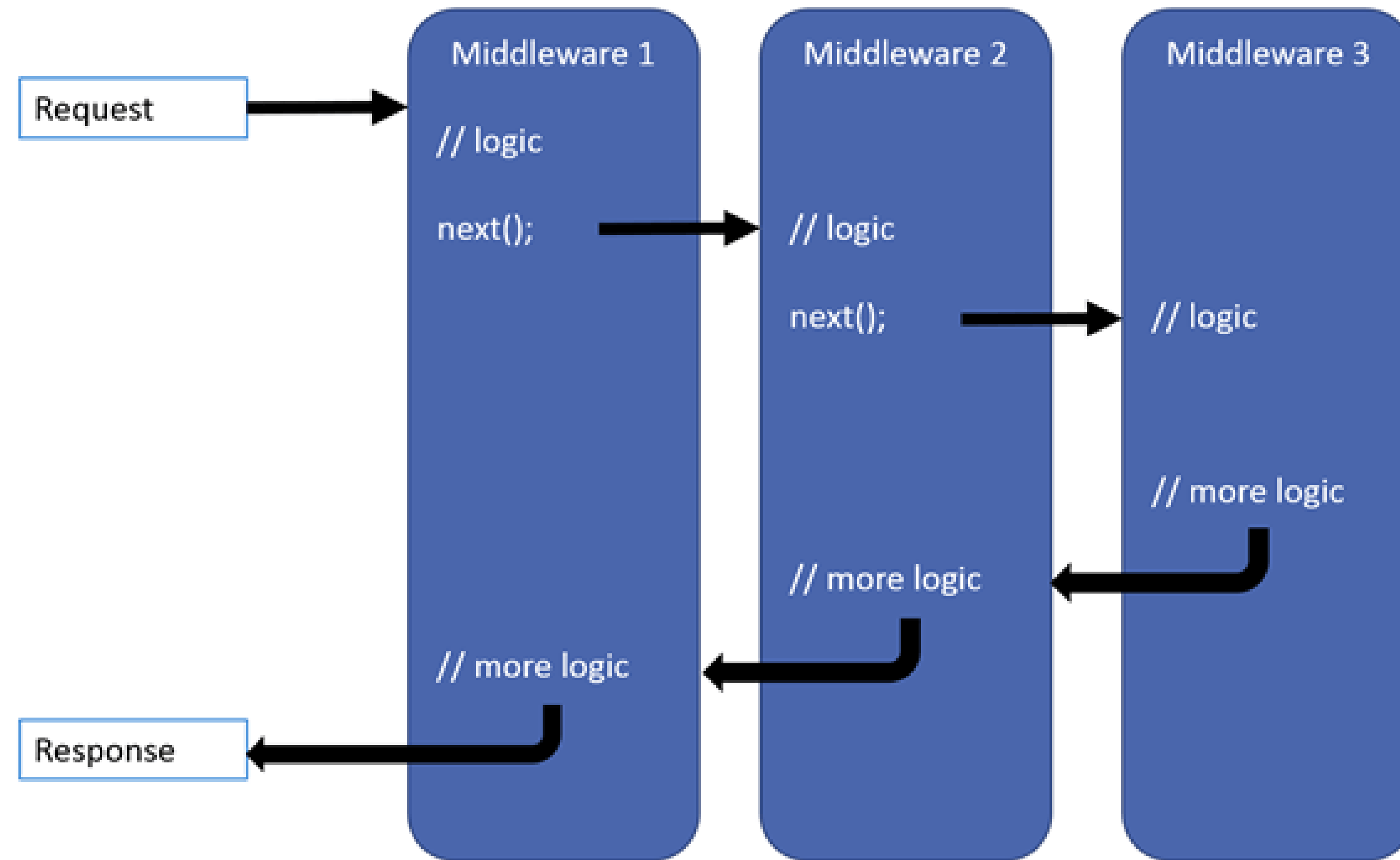


\* [https://www.youtube.com/watch?v=UFxfmgQm\\_D4&list=WL&index=10&t=40s](https://www.youtube.com/watch?v=UFxfmgQm_D4&list=WL&index=10&t=40s)

# Pipeline



# Middleware





Web  
Template

```
> dotnet new web -f net9 -o Intro
```

IServiceCollection

IApplicationBuilder

Dependency  
Injection

Options Patterns

Extensions

Health Checks

Endpoint Routing

Middleware

IServiceCollection'da Servisler Dependency Injection ile yönetilir. IApplicationBuilder ise Middleware zincirleri kurmak için kullanılır.

## MVC Template

```
> dotnet new mvc -f net9 -o Intro
```

## Razor Template

```
> dotnet new razor -f net9 -o Intro
```

## API Template

```
> dotnet new webapi -f net9 -o Intro
```

# Teşekkürler

ZAFER CÖMERT  
Öğretim Üyesi