

ASP.NET MVC'ye Giriş



Kimdir



- Eğitim

- Ege Üniversitesi Bil.Müh. 2007(Master)
- Ege Üniversitesi Bil.Müh. 2004(Lisans)

- İş Tecrübeleri

- Turkcell Teknoloji(Senior OSD 2011-..)
- ABH(Senior PDS 2008-2011)
- Uzman Nokta(Partner/Consultant 2006-2008)
- Datakod A.Ş.(Takım Lideri 2006-2006)
- ÜNİPA A.Ş.(Sistem Analisti 2005-2006)
- Ege Üniversitesi(Kurs Eğitmeni 2004-2005)

- Yayınlar

- .Net ve Mobil Teknolojileri (2007)

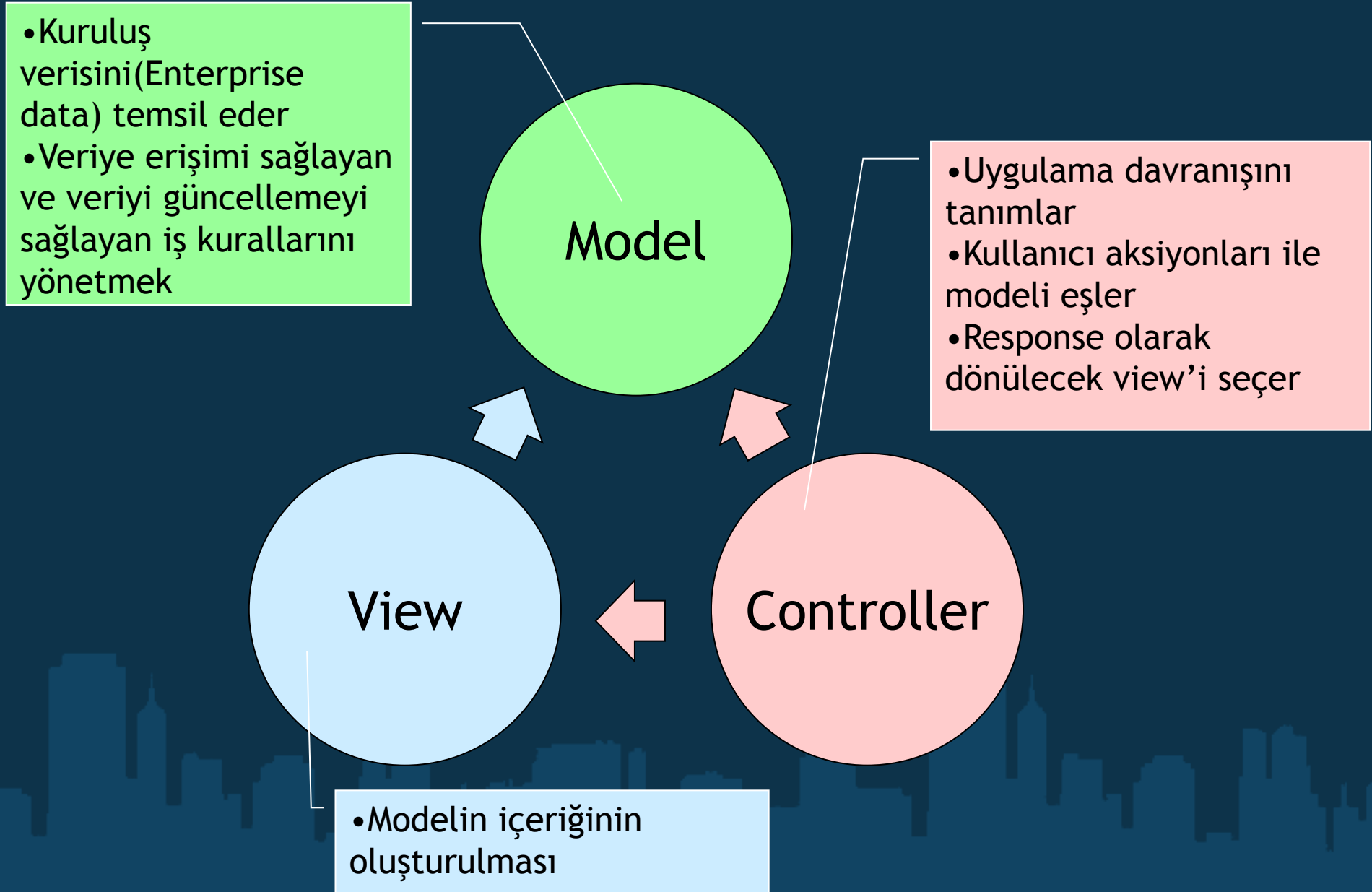
- MCPD (2009)

İçerik

- MVC Nedir?
- ASP.NET MVC Nedir?
- ASP.NET MVC'nin Yararları
- Nasıl Çalışır?

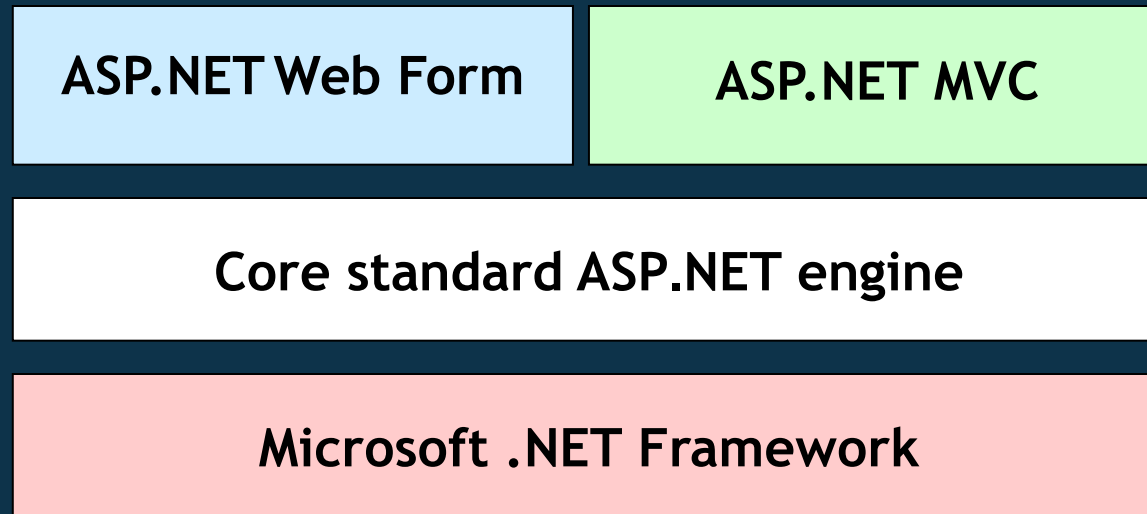


MVC Nedir?



ASP.NET MVC Nedir?

New framework from Microsoft that builds on top standard ASP.NET engine



ASP.NET MVC'nin Faydaları

- Test edilebilirlik(Testability)
- Pluggable
- Friendly URLs (REST URL)
- Mevcut ASP.NET özellikleri hala kullanılabilir durumda.
- HTML üzerinde tam kontrol
- Açık kaynak


ASP.NET MVC'nin Tarihsel Gelişimi

Date	Version
10 December 2007	ASP.NET MVC CTP
13 March 2009	ASP.NET MVC 1.0
16 December 2009	ASP.NET MVC 2 RC
4 February 2010	ASP.NET MVC 2 RC 2
10 March 2010	ASP.NET MVC 2
6 October 2010	ASP.NET MVC 3 Beta
9 November 2010	ASP.NET MVC 3 RC
10 December 2010	ASP.NET MVC 3 RC 2
13 January 2011	ASP.NET MVC 3
20 September 2011	ASP.NET MVC 4 Developer Preview
15 February 2012	ASP.NET MVC 4 Beta
31 May 2012	ASP.NET MVC 4 RC
15 Aug 2012	ASP.NET MVC 4

ASP.NET MVC Site Örnekleri

StackExchange

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Top Questions

interesting **229 featured** hot week month

2 votes

2 answers

155 views

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Using get_video on YouTube to download a video

[ios](#) [url](#) [download](#) [youtube](#)

4h ago Teddy 1,699

8 votes

8 answers

236 views

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Basic render 3D perspective projection onto 2D screen with camera (without opengl)

[c#](#) [java](#) [math](#) [3d](#) [projection](#)

2h ago Christian Jonassen 1,168

3 votes

0 answers

159 views

+50

Subclassing list view to edit only its subitems

[c](#) [winapi](#)

dec 31 at 0:30 Midas 1,465

5 votes

2 answers

319 views

+50

AvalonDock DocumentContent not garbage collected

[c#](#) [wpf](#) [garbage-collection](#) [avalondock](#)

1h ago Sheldon Cooper 20

5 votes

6 answers

268 views

+50

How to format a long <pre> HTML block suitable for width limited device such as iPhone

[javascript](#) [android](#) [iphone](#) [html](#) [css](#)

2d ago MiG 1,075

12 votes

1 answer


259 views

+150

How to read a file on paste event in HTML5

quant.stackexchange.com

Can you fully hedge an option in the presence of counterparty risk?
– quant_dev
1 answer [counterparty-risk](#)

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Skype
London, England; Tallinn,...

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Earth Networks
Germantown, MD

ASP.NET MVC Site Örnekleri

The screenshot shows the Microsoft Team Foundation Service (TFS) website. The header is purple with the TFS logo and 'Team Foundation Service' text on the left, and a search icon and 'Sign In' link on the right. Below the header is a white navigation bar with links: HOME, PRICING, LEARN, COMMUNITY, SUPPORT, ACCOUNT. Below these links are the words 'welcome', 'features', and 'news'. On the right side of the white bar is a 'get started for free' link with a right arrow icon. The main content area has a blue background. It features a large heading: 'Services to help you ship quality software. On time, every time.' followed by the subtext: 'Focus on your code. We'll simplify the rest.' Below this is a diagram illustrating the TFS ecosystem. A central cloud icon with the TFS logo is connected to four surrounding cloud icons labeled 'COLLABORATION', 'AGILE PLANNING', 'TEST EXECUTION', and 'CONTINUOUS BUILDS'. To the left of the central cloud is a group of icons representing development tools: Eclipse, Visual Studio, and a file explorer showing 'C:\'. To the right is a group of icons representing deployment and testing: a globe, a smartphone, a Windows PC, a game console, and an Android phone. At the bottom right is a dark purple button with the text 'Explore the features' and a right arrow icon.

Team Foundation Service

Sign In

HOME PRICING LEARN COMMUNITY SUPPORT ACCOUNT

welcome features news

get started for free →

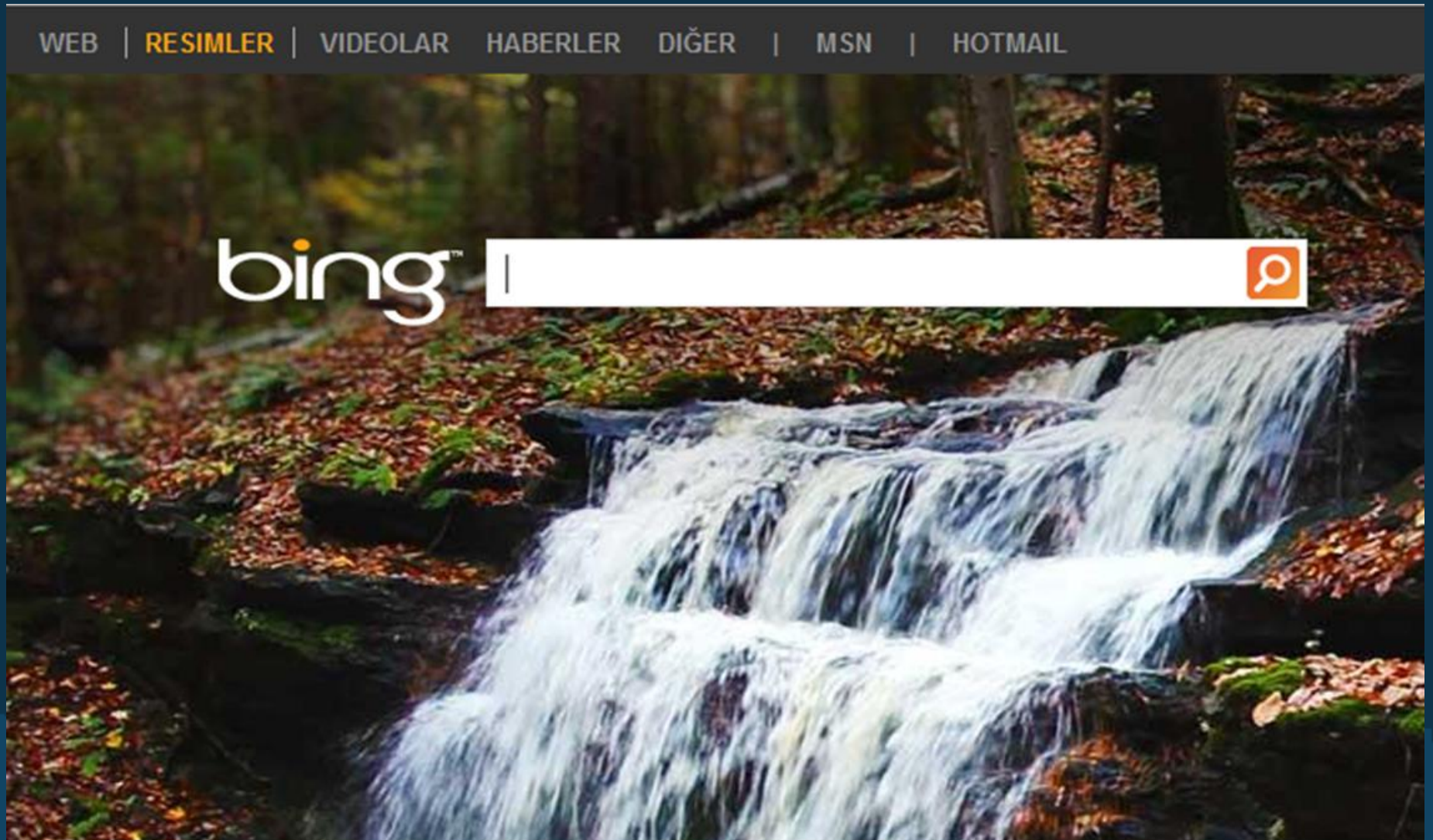
Services to help you ship quality software. On time, every time.
Focus on your code. We'll simplify the rest.

Diagram illustrating the TFS ecosystem:

- Central cloud icon with TFS logo.
- Surrounding cloud icons labeled: COLLABORATION, AGILE PLANNING, TEST EXECUTION, CONTINUOUS BUILDS.
- Left side icons: eclipse, Visual Studio, C:\.
- Right side icons: globe, smartphone, Windows PC, game console, Android phone.

Explore the features →


ASP.NET MVC Site Örnekleri



ASP.NET MVC Site Örnekleri

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The DailyFinance

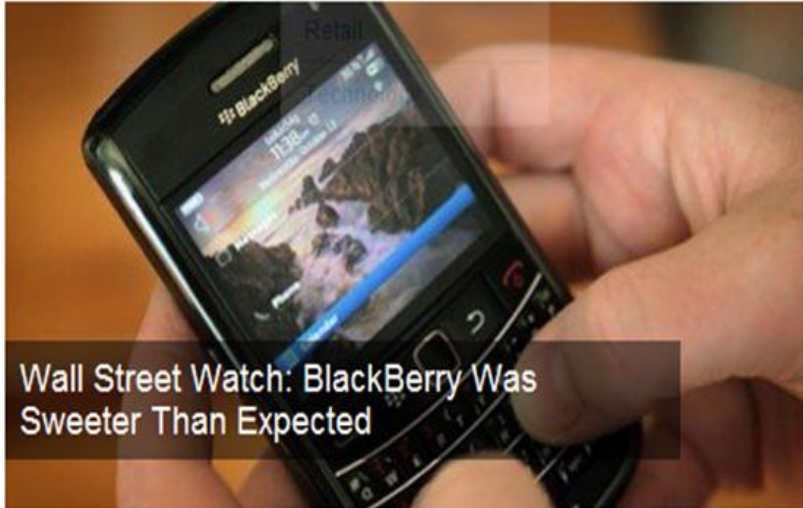
Market Minute

Credit Cards

Debt

Retail

DowJones	13,485.97	NASDAQ	3,136.60	S&P 500	1,447.15	10yr Bond	1.65%
+0.54%	+72.46	+1.39%	+42.90	+0.96%	+13.83	1.85%	0.03




Wall Street Watch: BlackBerry Was Sweeter Than Expected

Wall Street Watch: BlackBerry Was Sweeter Than Expected

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Demo: Hello World



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İŞ ARA

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ŞİRKETLERDEKİ
TANIDIKLARINI KEŞFET**

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BeKnown.

Monster'dan BeKnown

Monster ile bütünleştirilmiş olan BeKnown uygulaması, her Facebook bağlantısını bir fırsata dönüştürüyor.

**SANA UYGUN
İŞ İLANLARI**



İş İlanları Epostana Gelsin

Hemen Favori Arama oluştur, sana uygun iş ilanları e-postana gelsin.

**YÜKLE
GİTSİN!**

Özgeçmiş Oluştur

Hergün binlerce işveren Monster'da özgeçmiş arıyor. Hemen özgeçmiş oluştur, iş bulma şansını katla!

[Hemen Başla](#)

Garanti'de iş ve yaşamı



Nasıl Çalışır?

- Controller, gelen taleplerle başa çıkma işinden sorumludur.

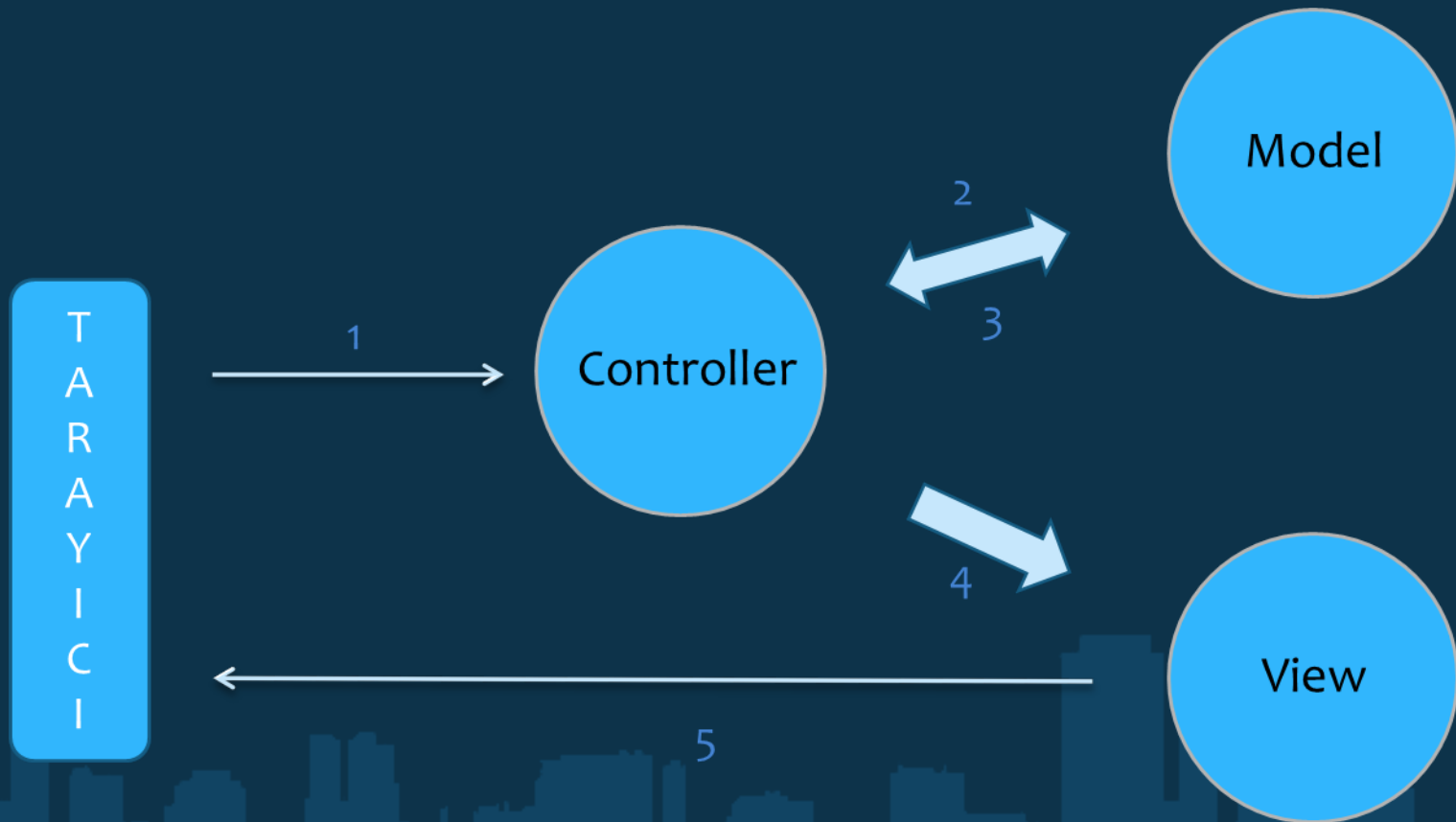
http://localhost:1725/**Hello**/**ActionTest**

Controller

Action in
controller

- Routing system URL'lerin controller ve action'lara nasıl eşleneceğine karar verir.

Çalışma Yapısı?



Yönlendirme (Routing)

Component is first hit by a request
The rules are configured in

RouteConfig.cs

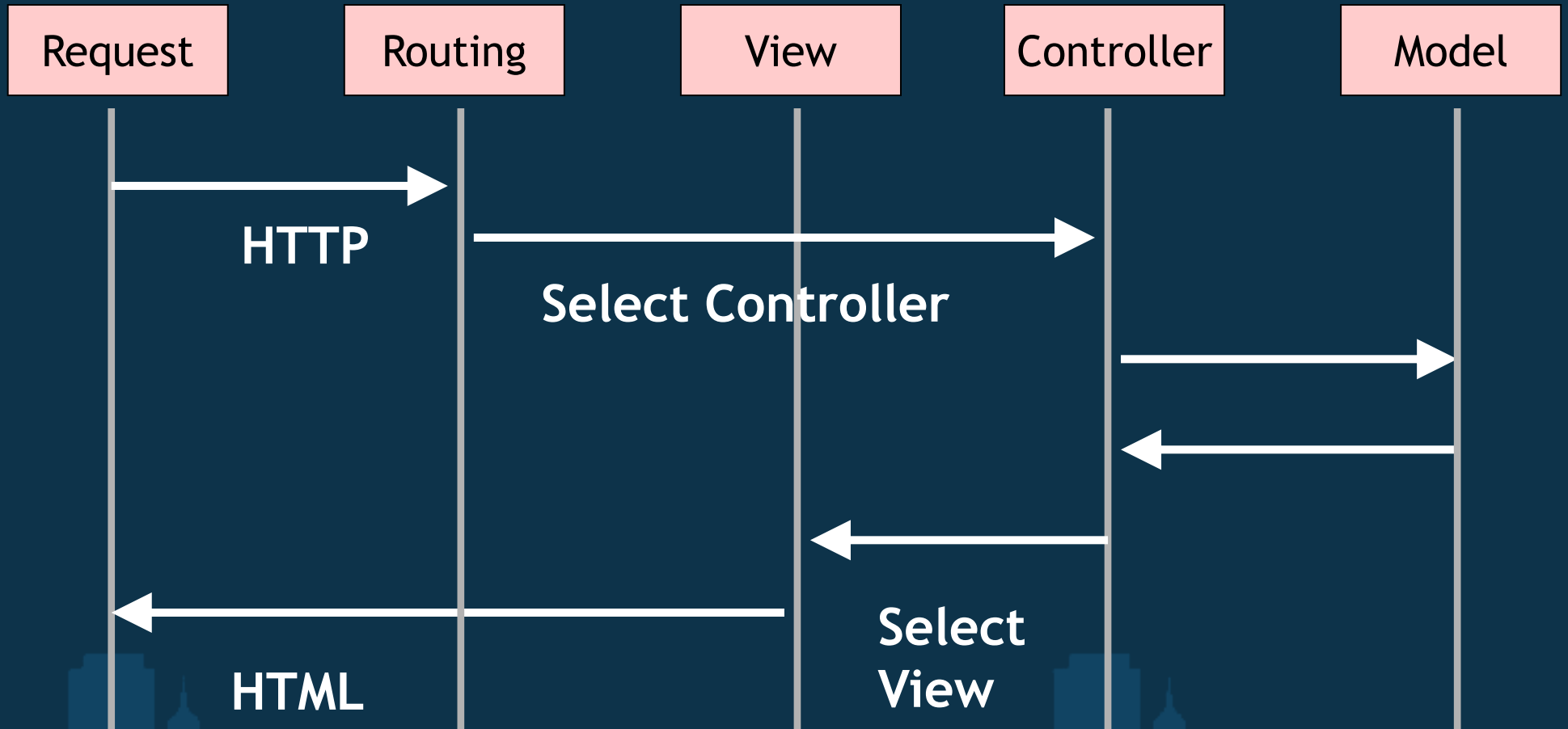
```
public static void RegisterRoutes(RouteCollection routes)
{
    routes.MapRoute(
        "Default",
        "{controller}/{action}/{id}",
        new { controller = "Home", action = "Index", id = "" }
    );
}
```

<http://localhost:1725/Product/Show/1>

Demo: Model with Strong type



İstemin Akışı



Handling post request

- Request variable

```
Public ActionResult Create()  
{  
    string subject = Request.Form["Subject"];  
}
```

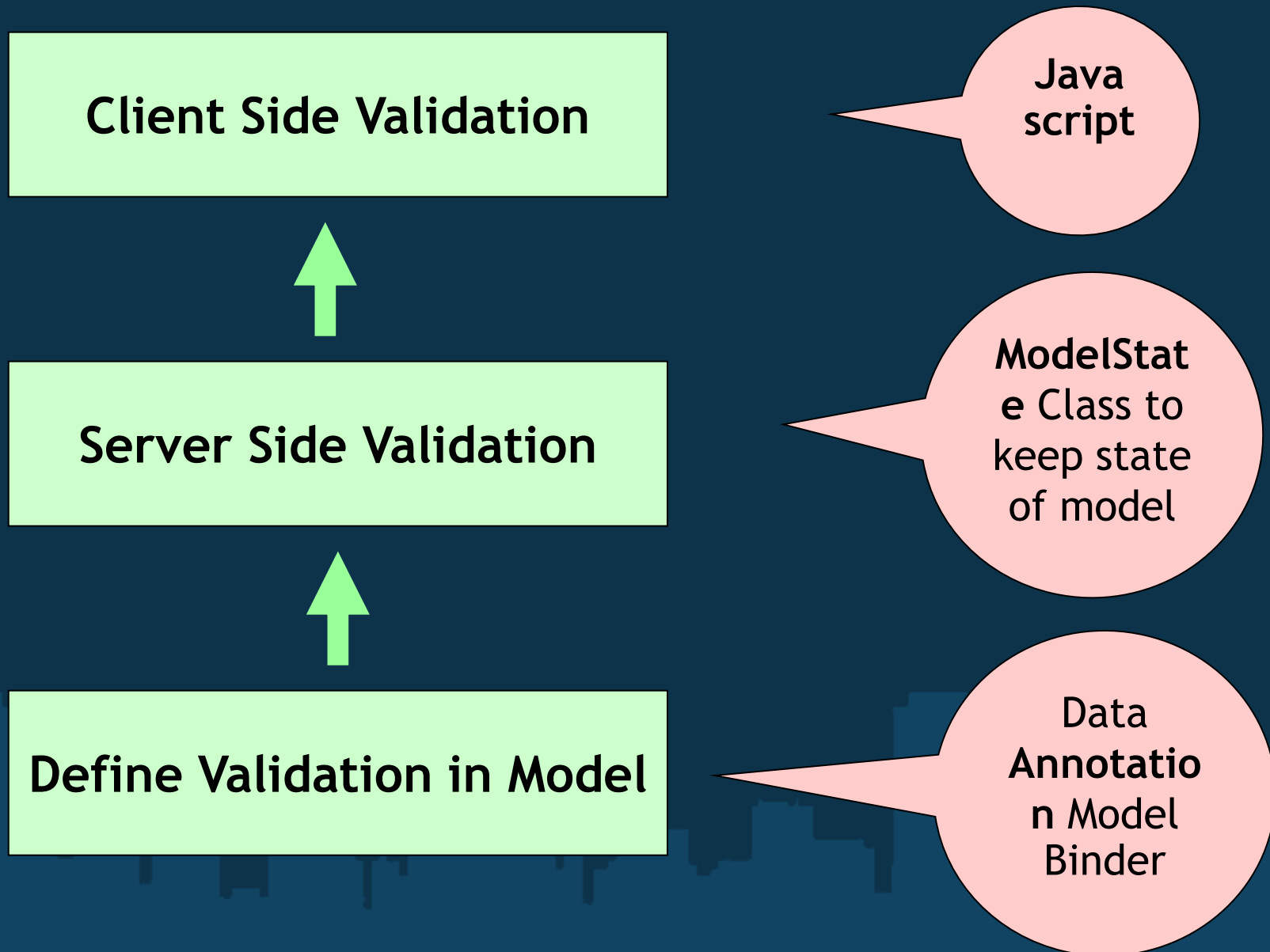
- Action method parameter

```
Public ActionResult Create(string Subject)  
{  
    // do something  
}
```

- ModelBinder

```
Public ActionResult Create(Commentary commentary)  
{  
    // do something  
}
```

Validation



Summary

ASP.NET WebForms	ASP.NET MVC
Combines code and view	Separation of Concerns
Cannot test easily	Design for testing
Event-driven programming (Drag n' drop)	Full control over HTML Clean HTML
Complex URL	RESTful URL

Q & A

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