



ASP.NET



Web Pages

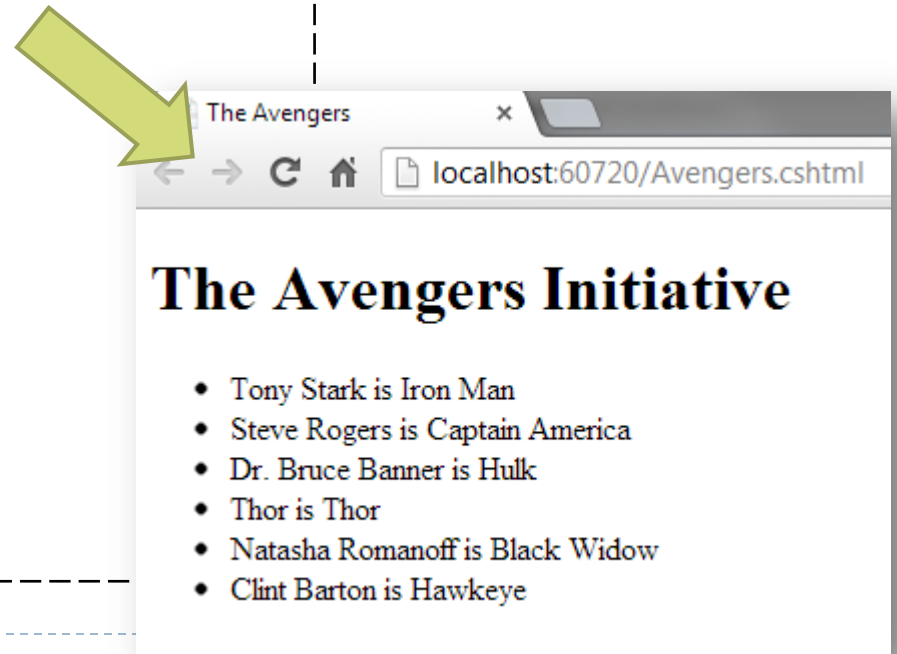
Razor

- ▶ Embedding code in a website
- ▶ C# and VB
- ▶ *.cshtml, *.vbhtml
- ▶ Underscore – hiding files from outside the server
- ▶ Code blocks: `@{ ... }`
- ▶ Inline expressions: `@variable`
- ▶ Page variable – a dynamic way of passign data between components of the same page

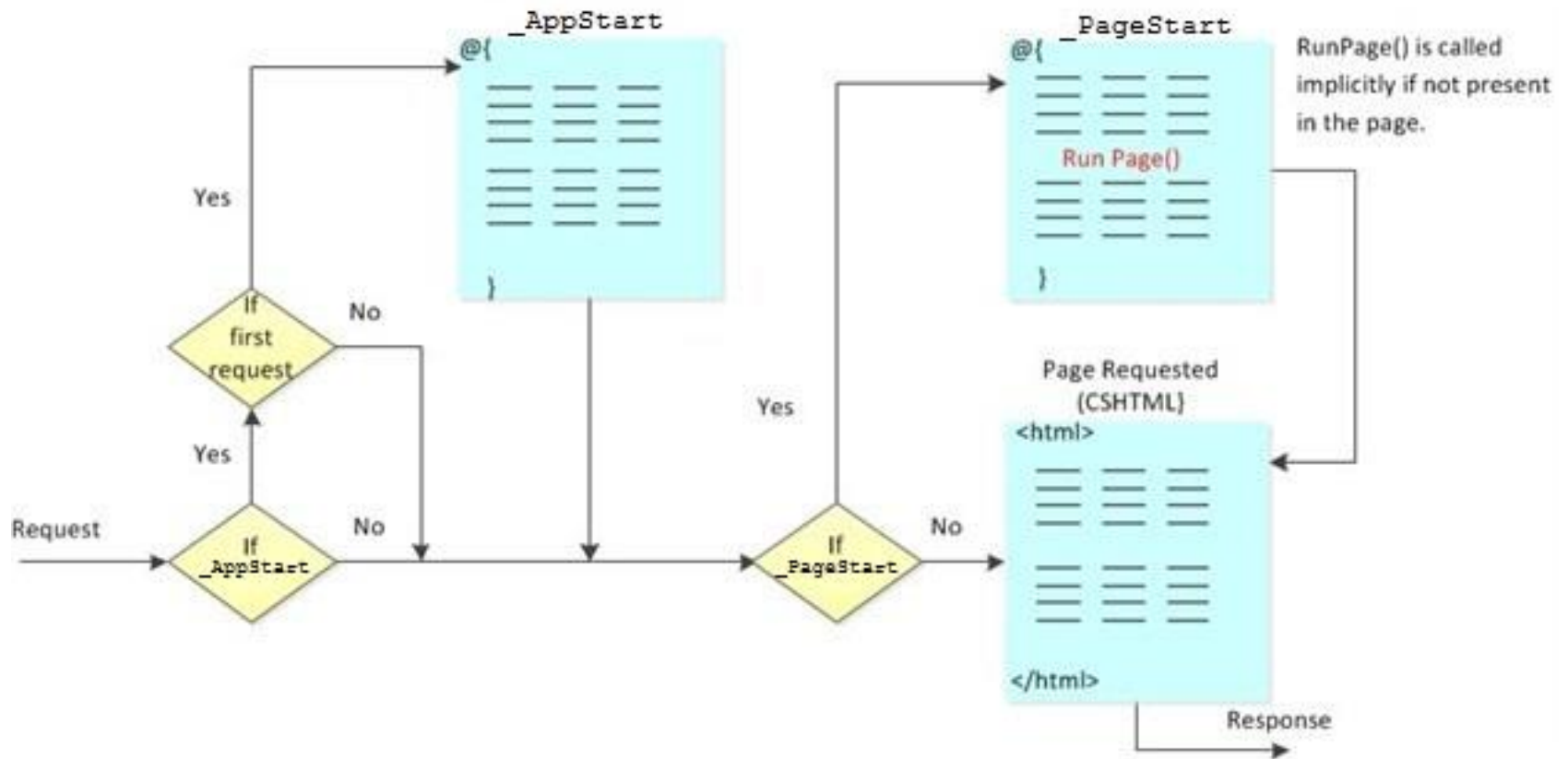


Example

```
@{  
    var theAvengers = new List<Tuple<string, string>>()  
    {  
        new Tuple<string, string>("Tony Stark", "Iron Man"),  
        new Tuple<string, string>("Steve Rogers", "Captain America"),  
        new Tuple<string, string>("Dr. Bruce Banner", "Hulk"),  
        new Tuple<string, string>("Thor", "Thor"),  
        new Tuple<string, string>("Natasha Romanoff", "Black Widow"),  
        new Tuple<string, string>("Clint Barton", "Hawkeye")  
    };  
}  
  
<!DOCTYPE html>  
<html lang="en" xmlns="http://www.w3.org/1999/xhtml">  
<head>  
    <meta charset="utf-8" />  
    <title>The Avengers</title>  
</head>  
<body>  
    <h1>The Avengers Initiative</h1>  
    <ul>  
        @foreach (var avenger in theAvengers)  
        {  
            <li>@avenger.Item1 is @avenger.Item2</li>  
        }  
    </ul>  
</body>  
</html>
```



_AppStart i _PageStart

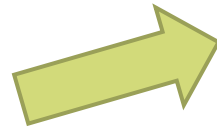


*source: <http://www.asp.net/web-pages/tutorials/working-with-pages/18-customizing-site-wide-behavior>

Layout

_Layout.cshtml

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>@Page.Title</title>
</head>
<body>
  <h1>@Page.Title</h1>
  @RenderBody()
</body>
</html>
```



Avengers.cshtml

```
@{
  Layout = "~/_Layout.cshtml";
  Page.Title = "The Essential Avengers";
  var theAvengers = new List<Tuple<string, string>>()
  {
    new Tuple<string, string>("Tony Stark", "Iron Man"),
    new Tuple<string, string>("Dr. Bruce Banner", "Hulk")
  };
}
<ul>
  @foreach (var avenger in theAvengers)
  {
    <li>@avenger.Item1 is @avenger.Item2</li>
  }
</ul>
```

