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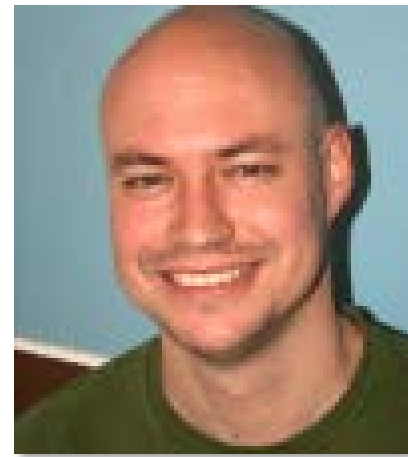
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# Introduction to ASP.NET MVC Jump Start



Jon Galloway | Technical Evangelist  
Christopher Harrison | Content Developer

# Meet Jon Galloway | @jongalloway



Azure Technical Evangelist

Focused on ASP.NET MVC

<http://weblogs.asp.net/jongalloway>

Web development on Microsoft platform since late '90s

Ex-submariner; Showcase Showdown winner "Price is Right"

Popular Author and Conference Speaker

Wrox Professional MVC 5; MVC Music Store tutorial

Virtual ASP.NET MVC Conference (mvcConf)

World wide Web Camps speaker

Herding Code podcast (<http://herdingcode.com>)

# Meet Christopher Harrison | @geektrainer

## Content Developer

Specializes in ASP.NET, SharePoint and SQL Server

Microsoft Certified Trainer

## Over 14 Years Experience

Regular presenter at TechEd

Periodic blogger

Certification advocate

Marathoner, husband, father of one four legged child



# Course Topics

## Introduction to ASP.NET MVC

01 | Basics of MVC and the Moving Parts

02 | Creating and Configuring Models

03 | The Power of Visual Studio

04 | Customizing Controllers

05 | Customizing Views

06 | Introduction to Bootstrap

07 | Introduction to Authentication

08 | Next Steps

# Setting Expectations

- Target Audience
  - .NET Developer who is new to web development
  - Web developer who is new to .NET
  - Web Forms developer who wants to learn ASP.NET MVC
- Suggested Prerequisites/Supporting Material
  - Visual Studio 2013 Express for Web
  - MVA: [Developing ASP.NET MVC 4 Web Applications Jump Start](#)



# Join the MVA Community!

- Microsoft Virtual Academy
  - Free online learning tailored for IT Pros and Developers
  - Over 1M registered users
  - Up-to-date, relevant training on variety of Microsoft products
- “Earn while you learn!”
  - Get 50 MVA Points for this event!
  - Visit <http://aka.ms/MVA-Voucher>
  - Enter this code: **IntroASPNetMVC** (expires 7/24/2014)

# 01 | Basics of MVC and the Moving Parts

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# Module Overview

- ASP.NET overview
- What is MVC?
- What's the point?

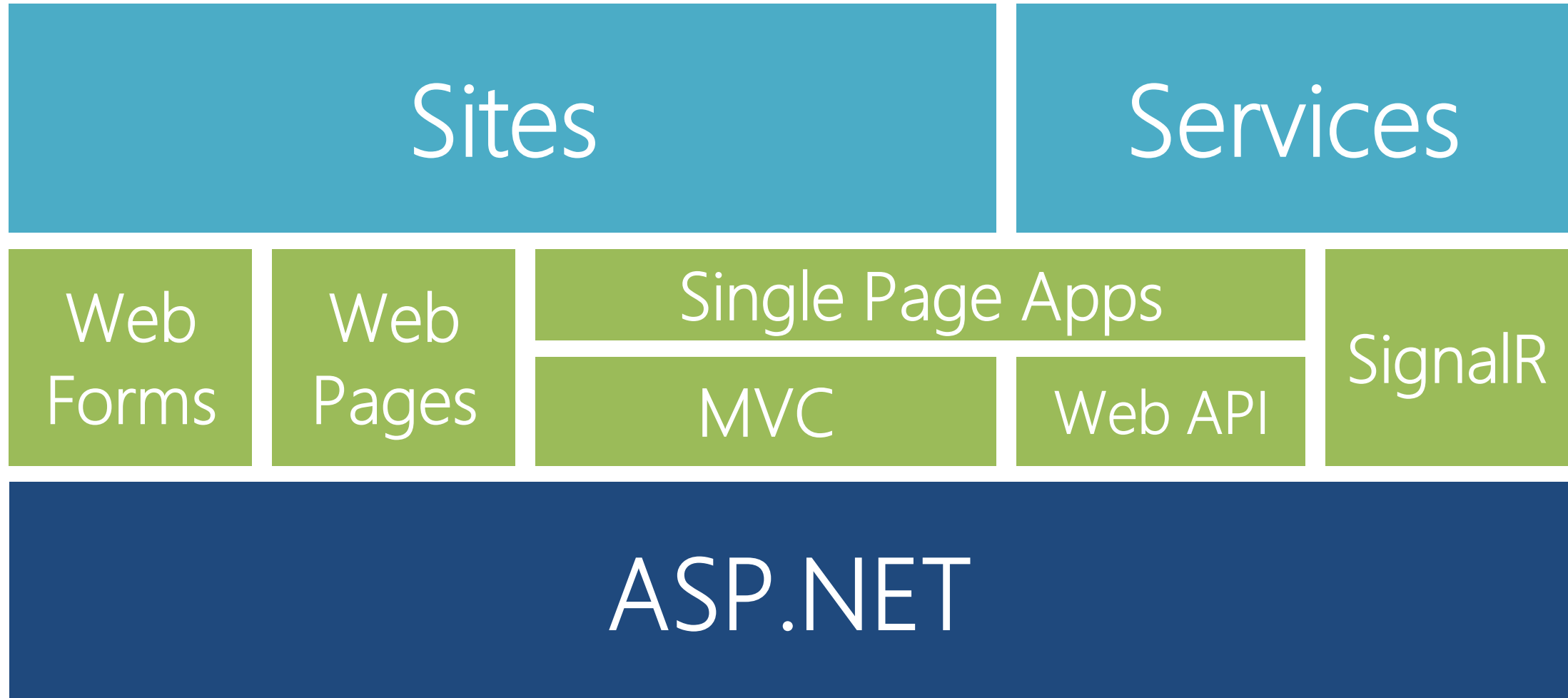


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# ASP.NET Overview

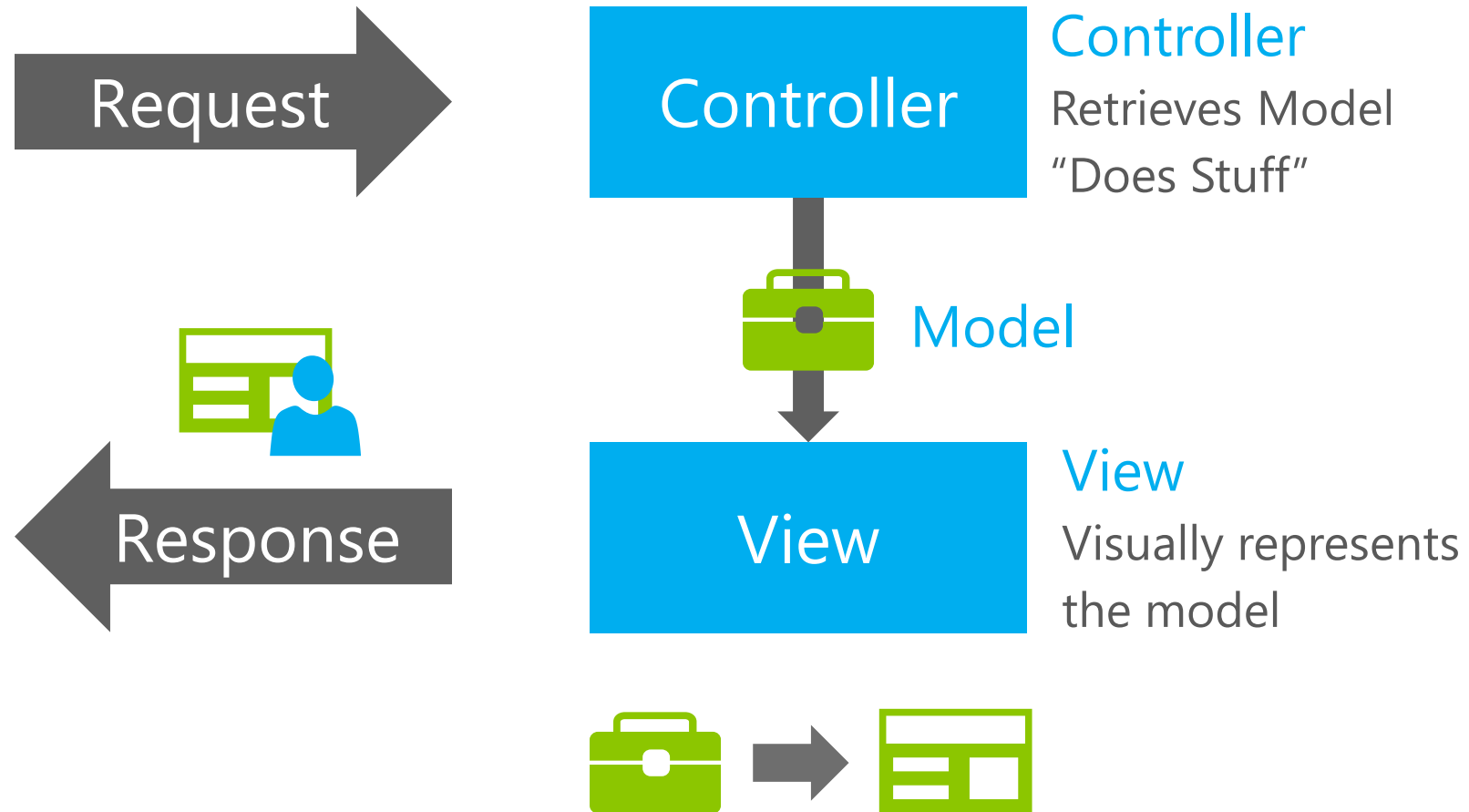
# ASP.NET Overview



# What is MVC?

# Models, Views, and Controllers

What does MVC look like?



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# What's the Point

# Seems complicated. What's the point?

- Every web application needs some structure
- MVC helps you stay organized, start to finish
- Often end up with less code, not more
- Smoother learning curve as your project grows

# Some comparisons to ASP.NET Web Forms

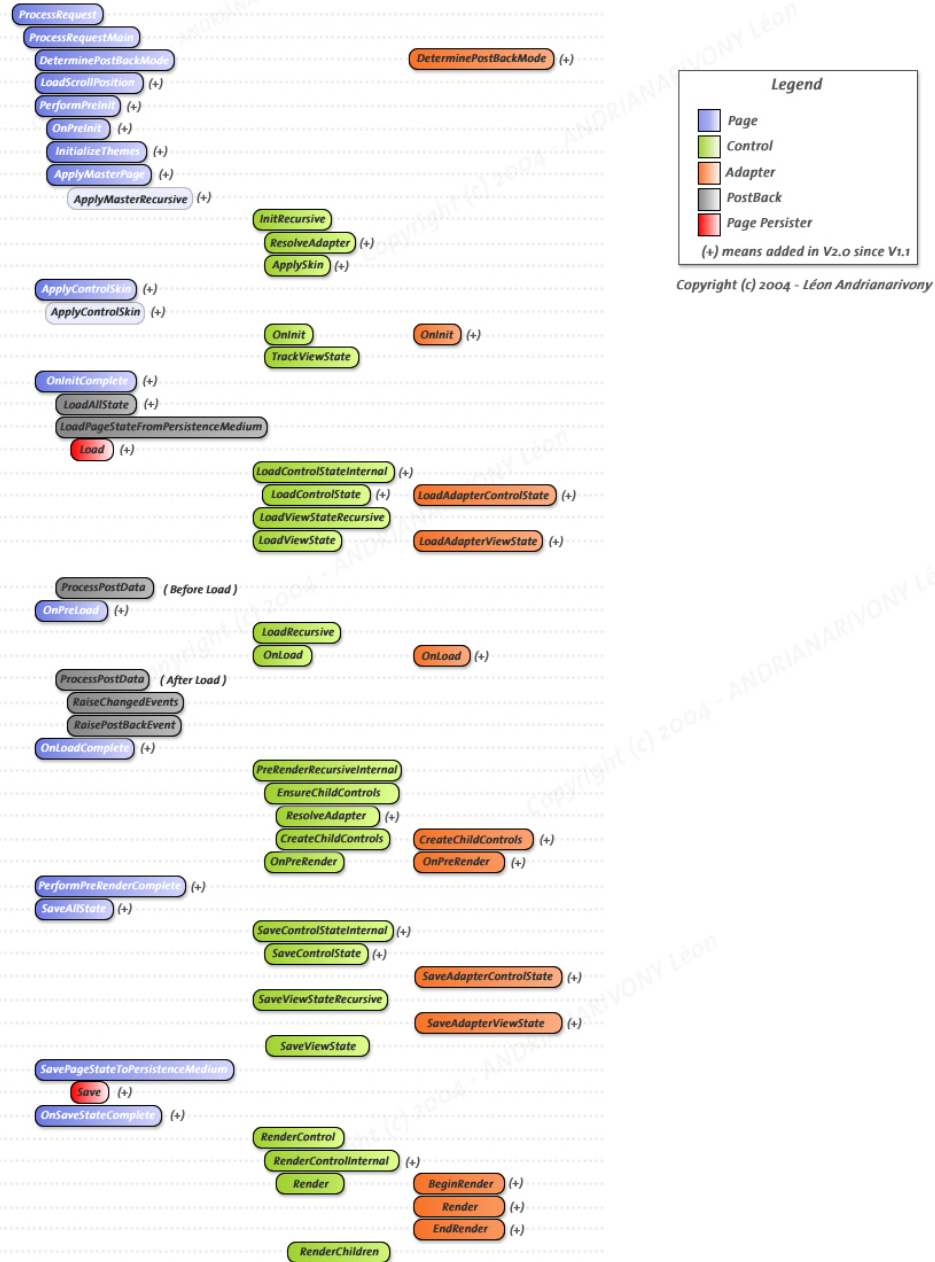
# ASP.NET Web Forms Values

- Productive way to build web applications
- Control and event-based programming model
- Controls that abstract HTML, JS and CSS
- Rich UI controls – datagrids, charts, Ajax
- Browser differences are handled for you

Summary: Web Forms handles a lot of things for you.

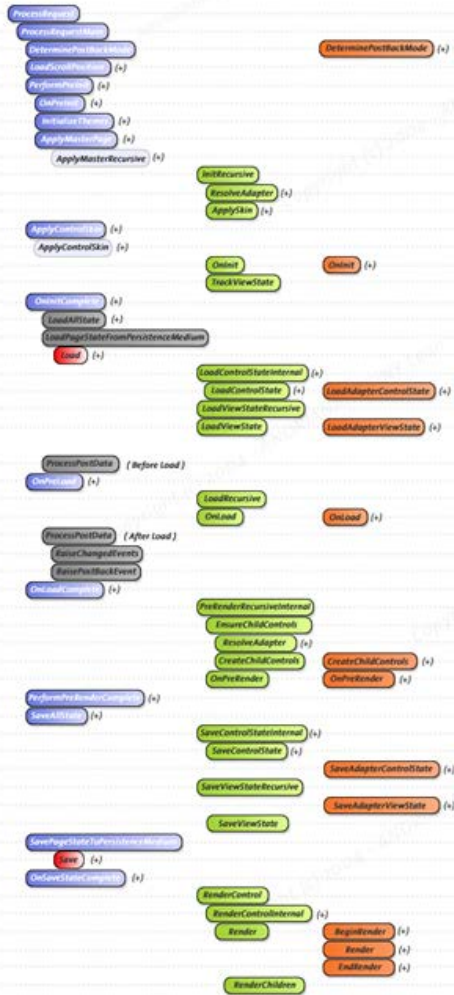


# ASP.NET Page LifeCycle

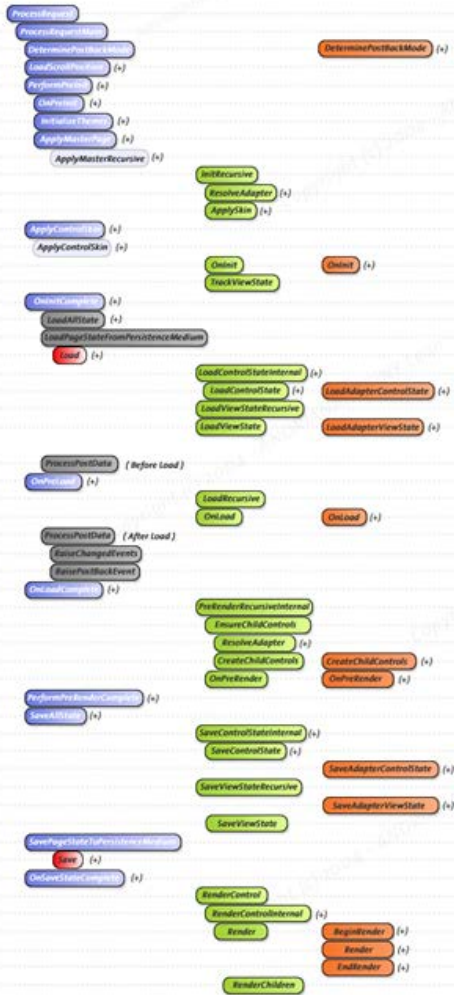




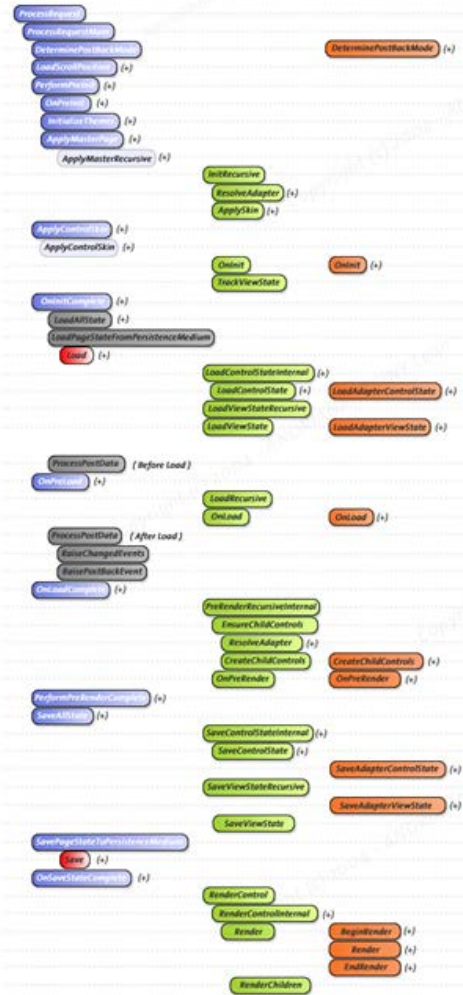
# Site.master



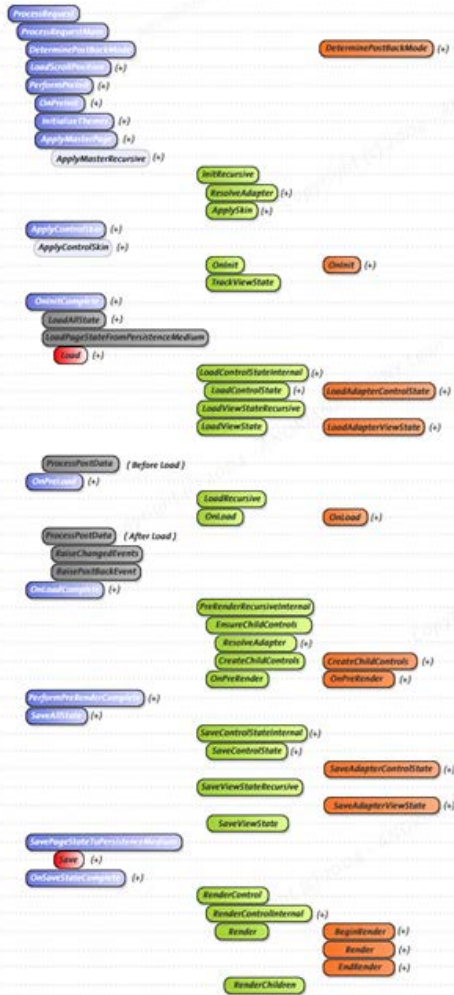
# Products.aspx



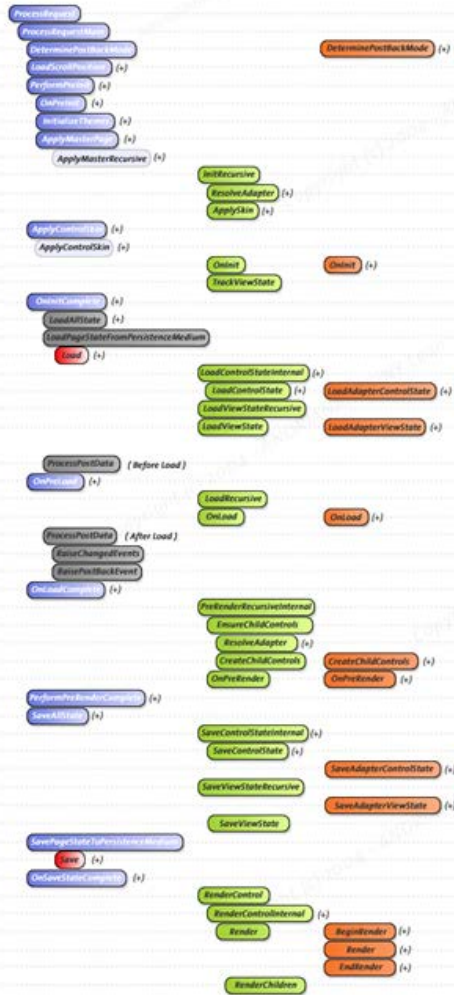
# Cart.ascx



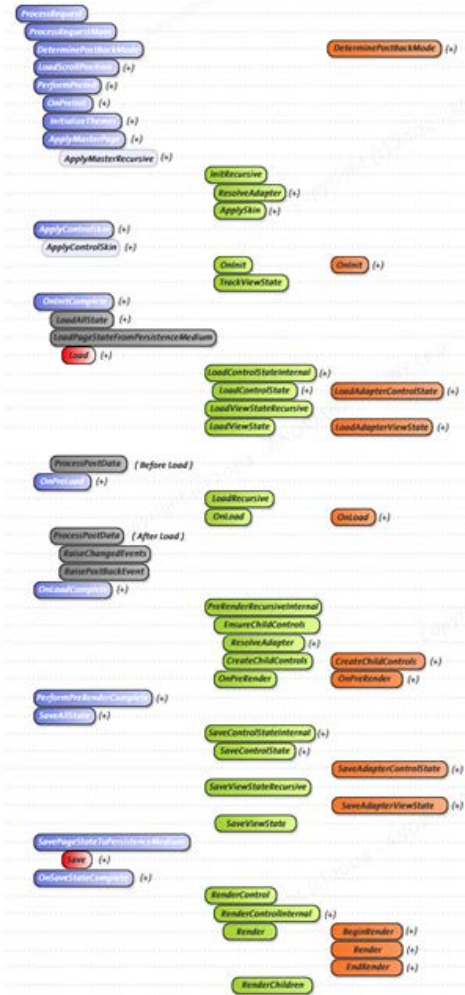
# Default.aspx



# Products.aspx

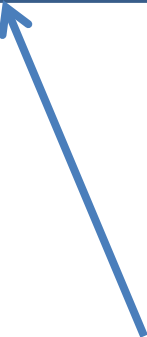


# About.aspx





```
<select  
name="ctl00$uxLanguageSelector$uxLanguageSelect  
or"  
onchange="javascript:setTimeout('__doPostBack('\'  
ctl00$uxLanguageSelector$uxLanguageSelector\','\'\''),  
0)"  
id="ctl00_uxLanguageSelector_uxLanguageSelector"  
class="countrySelect">
```



# Testability

- Unit testing helps you change code with confidence
- ASP.NET MVC is designed to make unit testing easy



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# DEMO

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Hello ASP.NET MVC





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