

Improving Your MVC Applications with 10 Extension Points

Overview



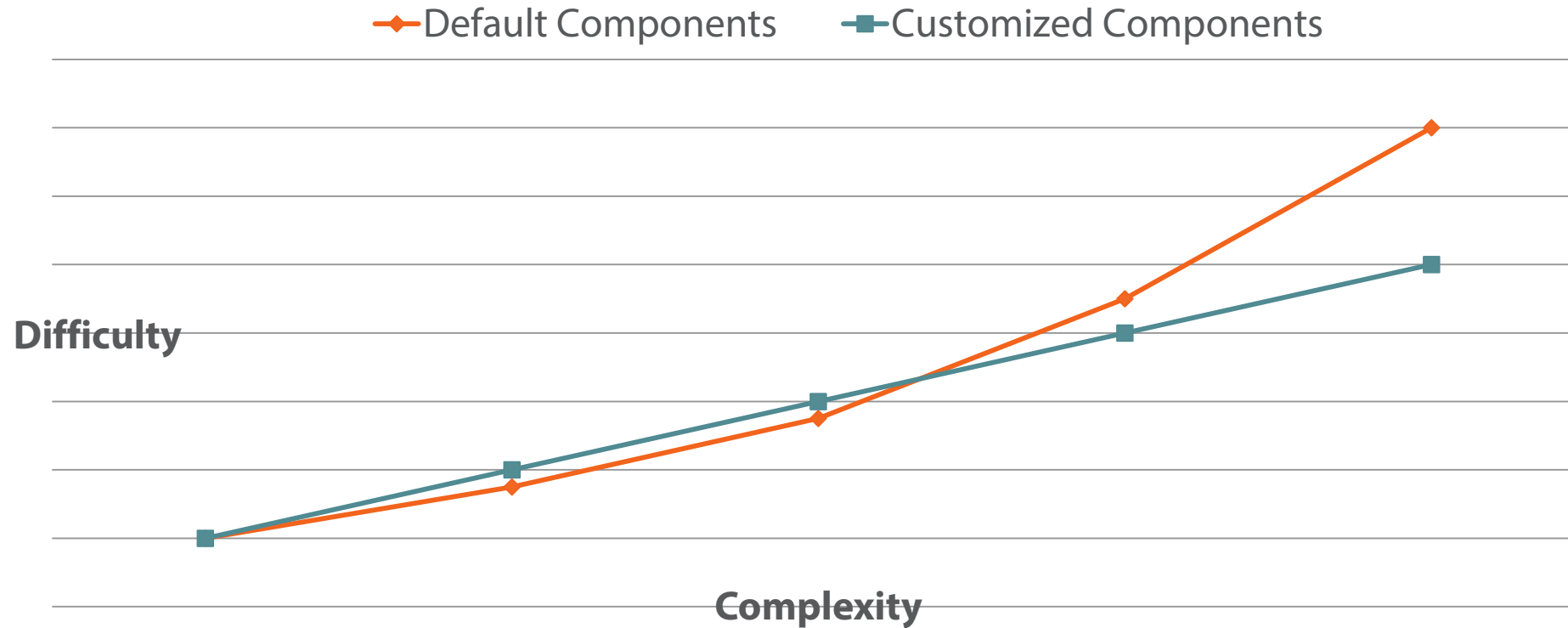
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Who is this course for?

Managing Complexity



The Essentials

Need to Know

MVC

Controllers

Action Methods

Models

Views

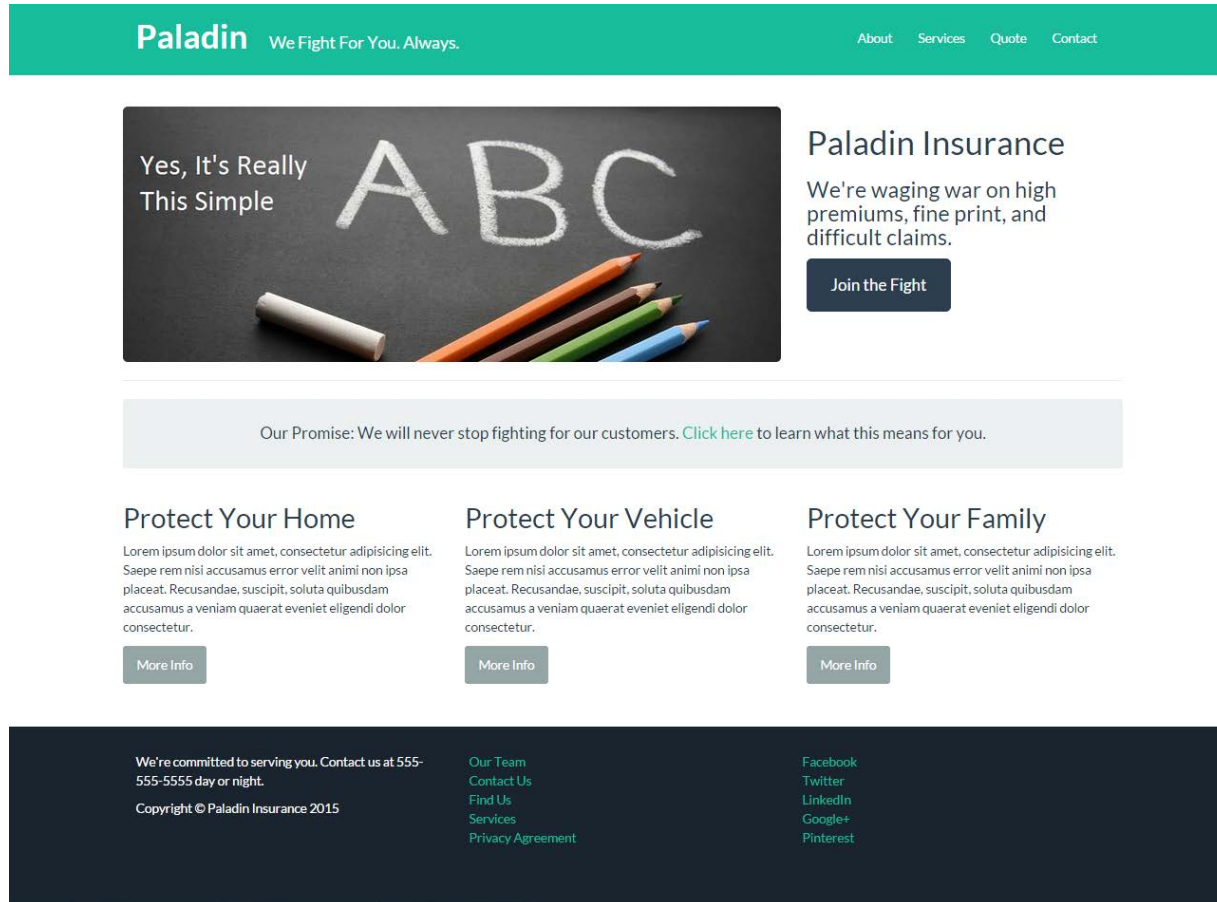
Nice to Know

Other Technologies

ASP.NET Platform

Entity Framework

Improving on a Foundation



- Improve existing code and features through customizations
- Implement any missing features
- Most modules stand on their own

The **Goals** of This Course

- Learn to build custom MVC components
- Gain more control over the framework
- Identify scenarios that are a good fit for extension points
- Understand which extension points to use



The 10 Extension Points

Inclusions and Exclusions

Not Included

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Not Important

Approachable,
Quick Return on
Investment

>

Specialized, Large
in Scope

(For this Course)

Complex Extension Points

Controller

ActionInvoker

ControllerFactory

Dependency Resolution

The 10 **Extension** Points

Extension Points	Benefits

The 10 **Extension** Points (cont.)

Extension Points	Benefits
Validation	Simplify cross-property and conditional validation

Summary



- MVC is built on top of ASP.NET
- Routing forwards requests to the MVC framework through HttpModules and a HttpHandler
- The MVC Framework pipeline is then initialized
- MVC is one possible implementation for handling a request within ASP.NET