SharePoint 2013 Developer, Part 02 of 15: Features and Solutions

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Meet the expert: Tim McCarthy is a senior solutions architect with Perficient who designs and builds highly scalable, layered web, desktop, and mobile applications utilizing the latest Microsoft platforms and technologies.

Prerequisites: This course assumes that students have some Web development background and some experience using Visual Studio 2012.

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Course description: SharePoint provides a very elegant way of deploying functionality to web server farms through the concepts of features and solutions. We will dive into these concepts and see how easy they make creating and deploying new functionality into SharePoint applications. You will walk away with an understanding of the different types of features and what they are used for, as well as how to provision and deploy the basic data structures that compose SharePoint solutions.

Course outline:

Features
- Introduction
- Features
- Capabilities of Features
- Features in SharePoint Root
- Demo: Features
- Feature Schema
- Installing and Activating Features
- Demo: Building a Feature
- Demo: Element Manifest
- Summary

Feature Types
- Introduction
- Types of Features
- Demo: Custom Action Feature
- Summary

Data Structures
- Introduction
- Defining Data Structures
- Field Element
- Demo: Field
- Demo: Add item
- Demo: Add XML File
- Demo: Field Definition
- Demo: Delete Site Column
- Summary

Content Types
- Introduction
- ContentType Element
- Demo: ContentType
- Summary

List Instance
- Introduction
- List Instance
- Demo: List Instacne
- Summary

Content Type Binding
- Introduction
- Content Type Binding
- Demo: Content Type Binding
- Summary

Feature Event Receivers
- Introduction
- Solutions
- Solution Files
- Demo: Solutions
- Summary