



SharePoint 2010 Overview For Developers (MS50351)

Duration: 3 days

Description

This overview course introduces the new features of SharePoint 2010 from a developer's perspective.

Audience

Anyone interested in getting an introductory look at the new development features of SharePoint 2010.

Prerequisites

Knowledge of .NET Object Oriented programming and understanding of development in SharePoint 2007.

Topics

COURSE OVERVIEW & USER INTERFACE

Lesson:

- Collaboration Qualities
- Design Goals
- UI Improvements
- Ribbon
- Wiki Capabilities

Lab:

- Understand UI Improvements
- Use the Create Page
- Explore the Ribbon

VISUAL STUDIO 2010

Lesson:

- Overview
- Project Templates
- Packaging and Deployment
- SPTools & Extensibility
- Hints

Lab:

- Explore SharePoint Project Templates
- Use Server Explorer

- Packaging and Deployment Tools
- Advanced Deployment

Lab:

- Create a Custom Deployment Step

SANDBOXED SOLUTIONS

Lesson:

- Architecture
- Solution Points
- Solution Validators
- Solution Gallery
- Limitations

Lab:

- Explore Sandboxed Solutions
- Create and Test Sandboxed Solutions
- Explore Limitations of Sandbox Solutions
- Configure Sandbox Points

Lab:

- Create and Deploy a Solution Validator



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Lab:

- Enable Developer Dashboard

LINQ AND REST

Lesson:

- REST Services
- LINQ
- LINQ for SharePoint

Lab:

- Utilize REST Services
- REST Service Reference
- REST List Service Calls (PUT, GET)
- REST Excel Service

Lab:

- LINQ Introduction
- Utilize LINQ For SharePoint
- Use SPMetal.exe

CLIENT OBJECT MODEL

Lesson:

- Client Object Model
- JavaScript
- Silverlight
- JQuery

Lab:

- Explore Client Object Model
- Utilize Client Object Model (.NET)

Lab:

- JavaScript Object Model

Lab:

- Utilize Client Object Model (SilverLight)

BUSINESS CONNECTIVITY SERVICES

Lesson:

- Business Connectivity Services

- Upgrading

Lab: BCS

- Explore External Content Types
- Create a new External Content Type
- Create an External List

WORKFLOWS

Lesson:

- Out of Box Workflows
- Out of Box Conditions
- Out of Box Actions
- Site/Global Workflows
- External Data

Lab:

- Create Reusable Workflows (Site/Global)
- Export a workflow to Visio
- Import a workflow from Visio
- Save as Template

Lab:

- Modify Out Of Box Workflows

CLAIMS BASED AUTHENTICATION

Lesson:

- Overview
- Claims Based Security
- Custom Claim Providers

Lab:

- Programming with Claims
- Creating custom claims provider