

WC-SPT2010 - Developing Solutions with SharePoint 2010 Webcast

This instructor-led training course covers essential development techniques for SharePoint 2010. Microsoft made significant improvements in the ways developers access data in SharePoint both on and off the server. In this course developers will learn how to access data in

Audience: .NET Developer
Format: Live Webcast
Length: 5 Days (3hrs/day)

Registration: \$1,495

SharePoint using LINQ for SharePoint when on the server. When connecting to SharePoint from off the server developers will also learn how and when to use the WCF Data Services (aka: OData / REST) and the Client Object Model (.NET, Silverlight and ECMAScript). In addition, developers will also learn how to read, write and surface data in many ways from external systems using the new Business Connectivity Services (BCS, formerly Business Data Catalog (BDC) in SharePoint Server 2007).

This course also addresses how users can extend the SharePoint Search functionality and experience as well as how to create content-centric solutions using SharePoint Server's Web Content Management (WCM) and Enterprise Content Management (ECM) capabilities.

Student Audience / Prerequisites

Attendees should have professional development experience with Visual Studio, the .NET Framework and ASP.NET as well as familiarity with Microsoft Office products such as Word and Excel. It is also recommended (but not required) that attendees have a background with the previous version of Windows SharePoint Services 3.0 / Office SharePoint Server 2007 and have experience working directly with XML files in Visual Studio 2008.

info@CriticalPathTraining.com www.CriticalPathTraining.com @criticalpath 866 475 4440

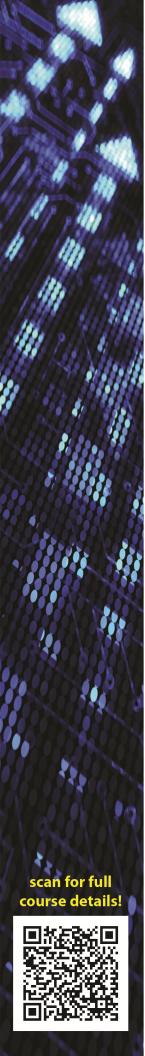












WC-SPT2010 - Developing Solutions with SharePoint 2010 Webcast - Modules List

Module 01 - SharePoint Foundation Development

The Server-side Object Model
The Developer Dashboard
Developing in terms of Features and Solutions
Feature Upgrade Enhancements

Module 02 - SharePoint Developer Tools in Visual Studio 2010

Introduction to the SharePoint Tools Creating a SharePoint Project Adding SPIs to a SharePoint Project SharePoint Tools Extensibility

Module 03 - Creating Sandboxed Solutions

Understanding Sandboxed Solutions The Sandbox Execution Environment Sandbox Resource Monitoring Breaking Out of the Sandbox

Module 04 - Pages and Navigation

Master Pages Application Pages Site Pages Extending the Ribbon

Module 05 - Developing Web Parts

Overview of Web Parts
Creating Custom Web Parts
Persistent Properties
Custom Editor Parts
Advanced Web Part Development
Connectable Web Parts
Web Parts Verbs
Asynchronous Processing

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Module 06 - Creating Lists & Event Handlers

Relational Lists and Large List Support Creating List Instances and List Definitions Creating and Debugging Event Receivers Document Libraries Site Definitions

Module 07 - SharePoint Data Access Server Side

CAML
SPQuery & SPSiteDataQuery
LINQ Primer
LINQ to SharePoint

Module 08 - SharePoint Data Access Client Side

Introduction to SharePoint Client Object

Model
Using the Client Object Model with .NET
Using the Client Object Model with Silverlight
Using the Client Object Model with
ECMAScript

WCF Data Services / OData / REST

Module 09 - Developing Workflows for SharePoint 2010

Why do we need workflow?
Comparing Custom Workflow Creation Tools
Visio 2010 + SharePoint Designer 2010
Workflow
Visual Studio 2010 Workflow
Augmenting SPD2010 Workflows w/ Actions

Module 10 - Business Connectivity Services

Overview and Architecture of Business Connectivity Services (BCS) External Content Types Using External Content Types Performance & Security BCS Tooling (SPD2010 & VS2010)

