

Advanced SharePoint 2007 Development Course 50064A

Introduction

This five-day instructor-led course provides students with the knowledge and skills to become a top-notch Microsoft SharePoint 2007 Developer. From AJAX to Event Handlers and Features, you will gain important insight into the internal workings of SharePoint 2007.

Audience

This course is intended for experienced SharePoint developers and students and will guide them through the process of architecting and developing SharePoint applications and customizations.

At Course Completion students will be able to:

- Create a SharePoint site that is customized and personalized to the end user
- Create and run reports
- Create custom field types to enhance functionality of lists

Prerequisites

Before attending this course, students must have:

- MS-4995: Programming with Microsoft .NET Framework Using Microsoft Visual Studio 2005
- MS-2542: Advanced Data Access with Visual Studio 2005
- MS-2543: Core Web Application Technologies with Microsoft Visual Studio 2005
- MS-5060: Implementing Windows SharePoint Services 3.0 2007
- MS-5061: Implementing Microsoft Office SharePoint Server 2007

Course Outline

Module 1: Course Overview

This module explains how the class will be structured and introduces course materials and additional administrative information.

Module 2: Custom Authentication

This module explains ASP.NET providers, how to create a single sign-on, and how to configure a SharePoint Web Application.

Module 3: SharePoint Permissions

This module explains the permissions in Microsoft Windows Server Systems (WSS) and how they have been enhanced, explains how to set permissions at an item level, and describes naming conventions.

Module 4: In-Browser Customization

This module explains how to add and edit new pages using web parts, master pages, and themes.

Module 5: Basic SharePoint Designer

This module explains the SharePoint designer basics, how to create and modify existing sites, and how to create CSS style sheets.

Module 6: Advanced SharePoint Designer

This module explains reports, data views, data sources, and how to back up and restore a Web site.

Module 7: Content Types

This module explains different content types, document information panes, and how to create custom content types.

Module 8: Site Definitions

This module explains WSS built-in definitions, Microsoft Office SharePoint Server 2007 built-in definitions, and CAML and describes the different SharePoint templates and themes.

Module 9: Features

This module explains types of features and how to create, activate, and deactivate them.

Module 10: Web Services API

This module explains web services API and some common SharePoint Web Services that are available.

Module 11: Web Part Development

This module explains web part connections, upgrading web parts, and code access security.

Module 12: Client Side Scripts / AJAX

This module explains how to emit client side scripts and describes common AJAX uses.

Module 13: Object Model

This module explains object model DLLs and how to use the object model.

Module 14: Custom Field Types

This module explains how to create built-in types and custom field types.

Module 15: SharePoint Events / Timer Jobs

This module explains how to create new events in SharePoint.

Module 16: Shared Services

This module explains the features of the shared services.

Module 17: Workflows (SP Designer)

This module explains the differences between SharePoint Designer workflows, conditions, and actions.

Module 18: Workflows (Visual Studio)

This module explains the types of workflows and how to use them with Visual Studio and SharePoint.

Module 19: ASP.NET Localization

This module explains how to use RESX files, SharePoint resource files, and SharePoint language Packs.

Module 20: SharePoint/Microsoft FrontPage RPC

This module explains how to use FrontPage RPC and SharePoint RPC.

Module 21: Excel Services

This module explains how to use Excel Services.

Module 22: Business Data Catalog

This module explains Business Data Catalogs.

Module 23: Business Intelligence

This module explains how to use the report center, KPIs, dashboards, and Reporting Services Integration.

Module 24: Upgrading WSS 2.0 to 3.0

This module explains how to use Presan.exe and database migration and explains some migration issues.