

Developers Guide to Web Content Management

Duration: 5 days

Overview

This 5-day course is designed to provide SharePoint developers with the basic and intermediate information and skills they need to extend, customize, and deploy a Web content management (WCM) publishing site implementation.

Prerequisites

Ideally, students have previous development experience with the .NET Framework and ASP.NET. It is helpful, but not required, if students have a basic understanding of Windows SharePoint Services 3.0 (WSS), Microsoft Office SharePoint Server 2007 (MOSS), and Microsoft Content Management Server 2002 (MCMS).

Audience

The primary audience for this course is SharePoint developers who are responsible for the successful implementation of a WCM site. Please note, this course is aimed at MOSS Developers that want to learn WCM not Web Designers or Developers that want to learn how to build fully fledged Internet Facing Sites.

Module 1: Web Content Management Primer

This module provides an overview of Windows SharePoint Services 3.0, Microsoft Office SharePoint Server 2007, Enterprise Content Management (ECM), and Web Content Management (WCM). It also explains the concept of Features and how they are used to implement additional functionality. Specifically, in Module 1 you learn:

- The SharePoint site hierarchy
- New functionality available in Windows SharePoint Services 3.0
- Which Features are implemented in Windows SharePoint Services 3.0 and SharePoint Server 2007 publishing sites

Module 2: WCM Out-of-the-Box Functionality

This module covers the various settings, controls, and workflows that apply to publishing sites. Specifically, in Module 2 you learn:

- How to create a site with Publishing features enabled
- Settings specific to publishing sites

- How to use the Page Editing Toolbar
- The out-of-the-box Workflows

Module 3: Master Pages

This module discusses the important effect master pages have on branding your site. Specifically, in Module 3 you learn:

- How to customize a master page
- The building blocks that make up a master page
- How to create a master page using Microsoft Office SharePoint Designer 2007

Module 4: Page Layouts and Content Types

This module explains how page layouts and content types are used to piece together the template used for your pages. Specifically, in Module 4 you learn

- How to create site columns and content types
- How to create a page layout using Microsoft Office SharePoint Designer 2007
- How to create and deploy a page layout using Features and Solutions

Module 5: Web Parts

This module introduces you to the Web Parts that are only available in publishing enabled sites. Specifically, in Module 5 you learn:

- How to use WCM Web Parts
- How to customize WCM Web Parts to meet your requirements
- How to connect Web Parts

Module 6: Field Types and Field Controls

This module provides an introduction to field types and field controls. This module also explains how field controls differ from Web Parts, and when each should be used. Specifically, in Module 6 you learn:

- How to build custom field types and field controls
- How and when to include custom field types and field controls on page layouts
- How to work with field types and field controls in Microsoft Office SharePoint Designer 2007

Module 7: Document Conversion

This module explains how to author content outside of the browser. You learn how to create document converters so offline documents can be converted into pages in your site. Specifically, in Module 7 you learn:

- How to author content offline
- How to configure document converters

Module 8: Performance Improvement Techniques

This module introduces the various performance enhancements included in SharePoint Server 2007 and publishing sites. Specifically, in Module 8 you learn:

- Page output caching
- Disk based caching
- Techniques to use when working with the object model

Module 9: Custom Workflows

This module shows how to build custom workflows to use in publishing sites. Specifically, in Module 9 you learn:

- How content owners can use workflows to manage content
- To create a workflow using templates in the browser
- To create a workflow using Microsoft Office SharePoint Designer 2007
- To create a workflow using Visual Studio
- Which tools to use to develop workflows

Module 10: Content Deployment

This module covers the various components of content deployment including how to set up content deployment. Specifically, in Module 10 you learn:

- How to configure content deployment
- How to create paths and jobs
- How to use quick deploy
- When to use content deployment APIs to develop custom deployment processes

Module 11: Variations

This module introduces variations including how they are used in publishing sites. Specifically, in Module 11 you learn:

- How to use labels
- How to configure variations to implement multilingual sites

Module 12: Search and Custom Navigation

This module explains how to build custom navigation controls to provide unique navigation for your site. Specifically, in Module 12 you learn:

- How SharePoint leverages ASP.NET 2.0 navigation provider model
- How to customize the out-of-the-box navigation controls