

MOSS 2007 Session Details

Schedule of Lectures

1. Office 2007 Developer Roadmap
2. Windows SharePoint Services 3.0 Architecture
3. Developing WebParts
4. WebPart Development
5. Designing Content Storage
6. Developing Event Handlers
7. Features and Site Definitions
8. InfoPath Forms Services
9. SharePoint Workflows
10. Extending Portal and Search
11. Web Content Management
12. Developing Custom Site Definitions
13. Excel Services and Business Intelligence
14. WSS/MOSS Security
15. Backup and Restore

Day 1

Understanding the Microsoft Office SharePoint Server 2007 Architecture

How the operating system supports Microsoft Office SharePoint Server 2007
The key differences between Microsoft Office SharePoint Server 2007 and WSS V3
The new features in Microsoft Office SharePoint Server 2007

Installing and Configuring a Simple Farm in MOSS 2007

Pre-requisites for installing Microsoft Office SharePoint Server 2007
Changes made to your server when MOSS 2007 is Installed
How to install Microsoft Office SharePoint Server 2007
How to uninstall Microsoft Office SharePoint Server 2007

Configuring Central Administration Operations in MOSS 2007

- How to start and stop services on a server
- The difference between operating system services and Microsoft Office SharePoint Server 2007 services
- How to configure farm wide options for your environment
- Best practices on implementing MOSS 2007 into your Environment

Configuring and Administrating Application Management in MOSS 2007

- Create new web applications
- Extend new web applications
- Create new Shared Services Providers
- Other Application – oriented Administration functions

Day 2

Office 2007 Developer Roadmap

- Architectural overview of Office 2007
- WSS as a collaboration solution
- WSS as a server-side development platform
- WSS integration with Office 2007 clients
- Overview of MOSS components and services

Windows SharePoint Services 3.0 Architecture

- WSS Integration with ASP.NET 2.0
- Provisioning sites, pages and lists
- Creating sites using WSS collaboration features
- Site pages versus application pages
- Customizing Master Pages and it's pages
- Working with the SharePoint Designer 2007

Developing Web Parts

- Creating and testing ASP.NET Web Part in WSS
- Adding Persistent Web Part Properties
- Creating Web Parts with ASP.NET User Controls
- Web Part Connections
- Migrating WSS v2 Web Parts to WSS V3

Web Part Development

- Creating ASP.NET Web Parts for WSS
- Adding SafeControl entries to the web.config file
- Testing and debugging Web Parts DLLs
- The Web Part Gallery
- Importing Web Parts with Web Part Description (*.webpart) files
- Creating a feature to import Web Parts into the Web Part Gallery

Designing Content Storage

- New enhancements to lists and document libraries
- Creating and using Site Columns
- Creating and using Content Types
- Customizing Document Information Panels
- Writing and testing Event Handlers
- Creating custom field types with Visual Studio 2005

Day 3

Developing Custom Site Definitions

- WSS Site Definition Primer
- Creating a Custom Site Definition
- Working with the ONET.XML file
- Creating a custom page template for site definitions home page
- Creating a site definition with a custom Master Page
- Composing a custom site definition using feature references
- Integrating a site definition using a WEBTEMP*.XML file

Features and Site Definitions

- Introduction to features
- Writing and testing a feature
- Introduction to site definitions
- Composing site definitions with feature references
- Creating WSS solution deployment packages

InfoPath Forms Services

- Forms Services Architecture
- Designing server-side forms with InfoPath 2007
- InfoPath integration with WSS forms libraries
- User deployment of server-side forms versus administrator deployment
- Extending InfoPath forms with Visual Studio Tools for Applications (VSTA)

Day 4

Extending Portal and Search

- Shared Service Provider (SSP) Architecture
- User Profiles and Audiences
- Extending MOSS Search
- The Business Data Catalog

Web Content Management

- Customizing and branding a MOSS portal site
- Creating content types and custom page layouts for Web content
- Understanding the MOSS content approval process
- Converting Office documents into Web-ready formats
- Optimizing performance with MOSS caching features

Excel Services and Business Intelligence

- Introduction to Excel Services
- Rendering Excel spreadsheets in the browser
- Report Center integration with SQL Reporting Services
- Report Center integration with SQL Server 2005 Analysis Services
- Creating Dashboards with Key Performance Indicators (KPIs) and filters

Developing Event Handlers

- Creating custom event handlers by inheriting from WSS receiver base classes
- Creating, testing and debugging WSS event handlers
- Writing cancel-able synchronous event handlers containing validation logic
- Writing asynchronous event handlers to maintain calculated columns
- Creating a feature that binds an event handler to list events

Day 5

WSS/MOSS Security

- IIS Worker Process Identity
- WSS integration with ASP.NET 2.0 Authentication Providers
- Authenticating WSS/MOSS sites using Forms Authentication
- Configuring authorization and access control within a site

SharePoint Workflows

- Windows Workflow Foundation Primer
- WSS integration with WWF
- WSS end-user perspective of workflows
- Creating Workflows with the SharePoint Designer
- Creating workflows with Visual Studio 2005

Backup/Restore

- Performing Backup and Restore from MOSS Site
- Backup using the StsAdm.exe Cmd Line Tool
- Backup of lists and libraries from the SharePoint Designer

Finally rounding off the session by discussion on a case study of Fabricam International a financial institution, with its offices spread worldwide, followed by a small test conducted to review the experience of the participants on the training workshop conducted.