Introduction to SharePoint 2013 for Developers

Course Summary

Description

This course is designed to get the developer a head start on how to develop solutions that are SharePoint 2013 Centric. This developer-focused training and labs will allow developer to shorten the learning cycle while learning new best practices for SharePoint Development as well as introducing advanced subjects such as ECM, WCM and the new enhanced REST Model. Developers from all tiers will benefit from this course by learning how application for SharePoint 2013 as created and how the new app model has been enhanced to take advantage of the .Net Framework and Visual Studio 2012 development tools. Must be understood that this is designed as a deep dive into SharePoint 2013 development. For this reason it is intended as two instructor-led training Session, First session is 5 days and the second session is 3 days, this class cannot be cover with all modules in a 5 days' time period.

Topics

- Introduction to Office 2013 and SharePoint 2013 Development
- Introduction to the SharePoint 2013 app Model.
- What is new in SharePoint 2013 development tools.
- Introduction to Hosted Apps in SharePoint 2013.
- Introduction to Cloud-Hosted SharePoint 2013 Development.
- Introduction to the SharePoint 2013 Client Object Model (CSOM) and REST Api's.
- Understanding SharePoint 2013 Security
- Introduction to RER's (Remote Event Receivers) SharePoint 2013
- Introduction to the new features of the Workflow's in SharePoint 2013
- Overview of new features in SharePoint 2013 BCS (Business Connectivity Services)

- Understanding Search feature changes in SharePoint 2013
- Understanding Enterprise Content Management (ECM) feature and changes.
- Understanding the role of WCM in SharePoint 2013 (Development Best Practices)
- Understanding the risk and limitation of implementing Social Features in SharePoint 2013
- Understanding SharePoint 2013 Service Layer and Integration with Office Services.
- Understanding and Creating Mobile Apps for SharePoint 2013.
- Understanding the Development Best Practices for SharePoint 2013.
- Developing Solutions for Project Server 2013 using SharePoint 2013
- Migrating your code and Site Collections from SharePoint 2010 to SharePoint 2013

Audience

This course is designed for developers.

Prerequisites

Level 300-400 Training, must possess prior SharePoint 2007, 2010 experience, be familiar with Object Oriented Programming, have used C# version 4.0 (Knowledge of VB.Net useful, however, class is based in C#, v5.0 VB.Net code not offered) extensively, be familiar with LINQ, XML, Communication Foundation Services, Entity Framework, and Either Visual Studio 2010 or 2012

Duration

Eight days (5 days lecture only)