

Programming Silverlight Application

Course Description

This advanced class focuses on building a high performance and cross platform application using SilverLight. This class start with the fundamental of SilverLight application programming though Microsoft Visual Studio 2005.

Course Level

Expert

Who should attend?

.NET Developer who want to create the SilverLight Web Application

Pre-requisites

Good understanding of Programming .NET Application and ASP.NET

Course Objectives

- Understanding SilverLight Application
- Developing a SilverLight with Visual Studio 2005
- Creating a SilverLight user interface
- Calling web service
- Using XML Data
- Store data using isolate storage
- Programming file upload

Course Durations

12 Hours

Course Outline

1. Silverlight Development Using the .NET Framework

Overview SilverLight Development

2. Getting Started with Silverlight

Development
Creating a Silverlight Project
Debugging Your Application
Exploring Assemblies with the Object Browser

3. Building Dynamic User Interfaces with Silverlight

Writing Event Handlers in the x:Class
Creating Custom Controls
Calling Silverlight Client APIs
Using a Splash Screen to Load an Application

4. Networking and Communication in Silverlight

Sending and Receiving Plain XML Messages
Using a Proxy to Call an ASP.NET Web Service

5. Interaction Between HTML and Managed Code

Accessing the DOM from Managed Code
Calling Managed Code from JavaScript

6. Working with XML in Silverlight

Manipulating XML Data

7. Working with Isolated Storage in Silverlight

Using Isolated Storage with Managed Code

8. Additional Programming Tasks

Performing a File Upload
Programming with Dynamic Languages
Downloading Images in Silverlight

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