

This two day developer course is designed to provide participants with the knowledge and skills to create a fully functional Web application by using ASP.NET 3.5

Outcomes

- Manage state, handle requests and improve accessibility by using the features of ASP.NET
- Configure an ASP.NET application by using .config files
- Create a user interface on an ASP.NET page by using standard Web server controls
- Create a user control and a custom server control and add them to an ASP.NET page
- Access and manipulate data from different sources by using ADO.NET 3.5
- Access and manipulate data from Windows Communication Foundation services or Web services
- Present data to the user by placing data-bound controls on an ASP.NET page
- Improve page responsiveness by using the ASP.NET AJAX controls
- Interact with the user, access services and access the AJAX client-side library by using client scripts
- Find and eliminate bugs in an ASP.NET application
- Deploy an ASP.NET application to a production Web server
- Write pages that adapt to the capabilities of mobile devices
- Utilise controls that adapt to the capabilities of mobile devices

Prerequisites

Participants should have intermediate experience developing applications by using previous versions of Microsoft Visual Studio.

Audience

This course is intended for application developers who know how to create applications in Visual Studio 2005 or 2008.

Outline

Getting Started with ASP.NET 3.5

- Introduction to ASP.NET Web Applications
- Features of ASP.NET 3.5
- Configuring ASP.NET Applications

Implementing a User Interface with ASP.NET Server Controls

- Consuming Controls to Interact with Users
- Creating Custom Controls

Displaying and Manipulating Data in ASP.NET 3.5

- Accessing Data using ADO.NET 3.5
- Accessing Data from Services
- Presenting Data in Web Controls

Creating Responsive Pages by Using Client-side Technologies

- Creating Partial Page Updates by Using AJAX
- Scripting Actions on the Web Client

Debugging and Deploying ASP.NET Applications

- Troubleshooting and Debugging ASP.NET Applications
- Deploying Completed ASP.NET Applications

Writing ASP.NET Applications for Mobile Devices

- Rendering Pages According to Device Capabilities
- Creating Pages with Mobile Web Controls

Dates

It is anticipated that this course will be held in Darwin in November, 2009.

Location

Crimson Innovations
Unit 3
6 Catterthun Street
Winnellie

(see www.crimson.com.au/contact_us.htm for details)