

.NET Training: ASP .NET MVC & Entity Framework Development (ASPMVC, 4 jours)

Description

The course ASP .NET MVC & Entity Framework Development (.NET Training) teaches you how to design & implement an ASP .NET MVC application. You will learn how to code ASP .NET MVC models, views, & controllers in using the ASP .NET MVC design pattern. The course discusses custom controllers, globalization, state management, data access layers, styles, custom controls & more. This course can be delivered using the full .NET framework or .NET Core.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Designing Object Based Web Applications

Learning Objectives

About Web Application Architecture

Understanding MVC: the Model, the View and the Controller

Furthering the Model : the Data Access Layer

Furthering the View: ASP.NET MVC Views

Furthering the Controller

Where does ORM fit in?

Implementing ORM with the ADO.NET Entity Model

Learning Objectives

What is Object Relational Mapping

Building a Model

Managing Transactions

Transactions and MVC

Exploring ASP.NET MVC

Learning Objectives

The Need for MVC

The Model-View-Controller (MVC) Pattern

The Controller's Responsibilities

About The IController Interface

About the Controller Class

Creating Custom Controllers

Creating Actions

Learning Objectives

The Controller to Action Relationship

Implementing Simple Actions

The Request to Action Relationship

Exploring Action Parameters

Implementing Dynamic Parameter Assignment

Implementing Object Parameter Assignment

Creating the View

Learning Objectives

About the Web Forms to View Relationship

Mapping ASP.Net Forms to MVC Views

Implementing Form Data Validation

Client Validation and Validation Summary

Validation on Class Methods

Dealing with Exceptions

About Dynamic View Creation

Javascript and MVC

An Alternative to Using Javascript In MVC

More on Actions

Learning Objectives

Separating Model, View and Controller

Handling Unrecognized Actions

Handling Other Exceptions

Dynamically Generating Views

Creating Advanced Actions

Working with Master Pages

Globalization

Learning Objectives

Strings, Globalization and Conversions

Special Resource Folders

Creating a Resource Assembly

MVC Globalization in Practice

State Management

Learning Objectives

State Management

Server State Management: System.Web.Caching.Cache

Implementing SQL Dependencies

Caching Web Content

Tracing

MVC and State Management

Putting it All Together

Learning Objectives

Advanced Debugging Techniques