

# Explore Visual Studio 2010



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## Language and IDE Features

- Examine Visual Studio 2010 Code Editor UI Improvements: From IntelliSense to Zoom
- Learn new language features, including dynamic language support, lambda expression improvements, and more
- Add simple parallel support, using the Task Parallel Library
- Examine variance (covariance and contravariance), and how these features make interface work the way you always thought they should

## ASP.NET Web Forms Improvements

- Investigate Visual Web Designer enhancements, including new templates, code snippets, and JScript IntelliSense enhancements
- Learn about new ASP.NET core services, including web.config file minification, output caching, and URL routing
- Discover new Web Forms features: set meta tags, control view state, create predictable client IDs, persist row selection, add charts, and more
- Deploy web applications using new Visual Studio 2010 features

## Windows Workflow Foundation

- Introduce Windows Workflow Foundation

## What's New in WPF 4.0

- Learn about WPF Data Binding and the DataGrid Control
- Investigate the Updated WPF and Silverlight Designer
- Use the Visual State Manager to Create Unique States for Controls
- Try out the New Calendar and DatePicker Controls

## Introducing Silverlight Using Visual Studio 2010

- Learn why you would use Silverlight to build an application, and Silverlight's history
- Create a simple video player using Silverlight
- Run Silverlight applications out of the browser
- Investigate multi-page Silverlight applications using the Silverlight Navigation Framework
- Work with data in Silverlight applications

## Data Enhancements

- See an overview of the Entity Framework
- Learn how to create an Entity Data Model
- Learn various techniques for using LINQ to Entities to query data in a SQL Server database

(WF)

- Review workflow activities
- See how to build a workflow
- Learn how to host workflows in applications
- See how applications and workflows pass data

### **Windows Communication Foundation Improvements**

- Review how to build, host and call WCF services
- Explore Service Configuration Improvements
- See how clients can discover services at runtime and inform clients when they go online and offline

- See an overview of ADO.NET Data Services
- Learn how to create and call an ADO.NET Data Service

### **SharePoint 2010 Development**

- Learn how to build SharePoint 2010 applications with Visual
- See how to create lists and visual Web parts
- See how to use LINQ to SharePoint to query lists
- Explore how to access SharePoint data from client applications