



# CodeGear™ RAD Studio 2007 Web Development with ASP.NET™

Technical Training

## Accelerate Your Development

**Course #:** RD11A30

**Price:** Please contact your regional Borland office for institutional pricing.

**Format**

24 hours, 50% discussion / 50% hands-on activity

**Delivery Options**

Face-to-face instructor led and on-line Instructor led

**Audience**

Programmers looking to attain fundamental skills in using CodeGear™ RAD Studio to develop ASP.NET™ applications.

**Prerequisites**

Basic knowledge of developing database applications using Delphi or RAD Studio.  
Working knowledge of the Windows® operating systems  
Basic experience in Windows® programming.

**Explore CodeGear Learning**

<http://learn.codegear.com>

This 3-day intensive course introduces the Delphi® programmer to the fundamental skills for using CodeGear™ RAD Studio 2007 to develop data-aware ASP.NET™ Web Applications.

The goal of this course is to help you increase your productivity, using the “Delphi for .NET” personality and RAD Studio 2007 features, in creating ASP.NET 2.0 applications.

**Description**

The RAD Studio 2007 Web Development for ASP.NET™ course assists those who are new to ASP.NET 2.0 and want to use CodeGear™ RAD Studio 2007 to develop with the “Delphi for .NET” personality.

Concepts covered include an overview of new ASP.NET 2.0 features, developing and deploying ASP.NET 2.0 Web Forms and Web Services, steps to migrate from ASP.NET 1.0 to 2.0, XML in .NET, creating data-aware web services, and more.

This course is delivered by experienced instructors via live classroom settings or on-line conferencing. In both cases, extensive hands-on exercises are included.

To enhance your learning and development skills, the exercises in this course culminate in creating and deploying a data-aware meeting organizer application.

**Course Concepts**

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**Introduction**

- Overview of ASP.NET 2.0
- Advantages of ASP.NET 2.0
- Brief overview of Cassini

**New ASP.NET 2.0 Features**

- Folders and page structures
- Enhanced GUI Controls
- Benefits of Enhanced Client-side Events and Data Controls
- Benefits of New Caching Features
- Pre-compiling and Build Services

**Generics**

- Introduction to Type Parameters

**Migrating ASP.NET 1.1 to 2.0**

- Required Migration Dependencies
- 1.1 and 2.0 Differences to Consider
- Why Migrate to 2.0
- Steps to Migrate to 2.0

**ASP.NET Web Forms**

- Using Various Controls
- Session States and Data Controls
- Working with AJAX
- Testing and Debugging
- Configuration and Deployment

**ASP.NET 2.0 Web Services**

- Overview of ASP.NET 2.0 Model
- Creating a Simple Web Service
- Adding Web Methods
- Consuming Web Services
- Publishing Data

**XML in RAD Studio 2007**

- Brief Overview of XML Features in .NET 2.0

**Introduction to Rave Reporting**

- Overview of Rave Components
- Example of Using Components

**Building the Meeting Organizer**

- Apply what you have learned by creating and deploying a working Meeting Organizer application.



# CodeGear™ RAD Studio 2007

## Application Development for NET™

Technical Training

*See previous page for complete list of concepts.*

Actual course content may vary and is subject to modification without notice.



[www.codegear.com](http://www.codegear.com)

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