

ASP.Net 2

7 Overview of Data Access

Using DataBound Controls

Working with List Controls

Working with Tabular DataBound Controls

Working with Hierarchical DataBound Controls

Working with Other Controls

Using DataSource Controls

Using ASP.NET Parameters with DataSource Controls

Using Programmatic DataBinding

Understanding Templates and DataBinding Expressions

Using Templates

Using DataBinding Expressions

Using Two-Way DataBinding Expressions

Overview of SQL Server 2005 Express

Features of SQL Server Express

SQL Server 2005 Express Management Tools

Server Databases versus Local Databases

Sample Database-Driven Web Application

8 Using the SqlDataSource Control

Creating Database Connections

Connecting to Microsoft SQL Server

Connecting to Other Databases

Storing Connection Strings in the Web Configuration File

Encrypting Connection Strings

Executing Database Commands

Executing Inline SQL Statements

Executing Stored Procedures

Filtering Database Rows

Changing the Data Source Mode

Handling SQL Command Execution Errors

Canceling Command Execution

Using ASP.NET Parameters with the SqlDataSource Control

Using the ASP.NET Parameter Object

Using the ASP.NET ControlParameter Object

Using the ASP.NET CookieParameter Object

Using the ASP.NET FormParameter Object

Using the ASP.NET ProfileParameter Object

Using the QueryStringParameter Object

Using the SessionParameter Object

Programmatically Executing SqlDataSource Commands

Adding ADO.NET Parameters

Executing Insert, Update, and Delete Commands

Executing Select Commands

Caching Database Data with the SqlDataSource Control

9 Using List Controls

Overview of the List Controls

Declaring List Items

Binding to a Data Source

Determining the Selected List Item

Appending Data Items

Enabling Automatic PostBacks

Using the Items Collection

Working with the DropDownList Control

Working with the RadioButtonList Control

Working with the ListBox Control

Working with the CheckBoxList Control

Working with the BulletedList Control

Creating a Custom List Control

10 Using the GridView Control

GridView Control Fundamentals

Displaying Data

Selecting Data

Using Data Keys

Sorting Data

Paging Through Data

Editing Data

Displaying Empty Data

Formatting the GridView Control

Using View State with the GridView Control

Using Fields with the GridView Control

Using BoundFields

Using CheckBoxFields

Using CommandFields

Using Button Fields

Using HyperLinkField

Using ImageField

Using TemplateField

Working with GridView Control Events

Highlighting GridView Rows

Displaying Column Summaries

Displaying Nested Master/Details Forms

Extending the GridView Control

Creating a Long Text Field

Creating a Delete Button Field

Creating a Validated Field

11 Using the DetailsView and FormView Controls

Using the DetailsView Control

Displaying Data with the DetailsView Control

Using Fields with the DetailsView Control

Displaying Empty Data with the DetailsView Control

Paging through Data with the DetailsView Control

Updating Data with the DetailsView Control

Inserting Data with the DetailsView Control

Deleting Data with the DetailsView Control

Working with DetailsView Control Events

Formatting the DetailsView Control

Using the FormView Control

Displaying Data with the FormView Control

Paging Through Data with the FormView Control

Editing Data with the FormView Control

Inserting Data with the FormView Control

Deleting Data with the FormView Control

12 Using the Repeater and DataList Controls

Using the Repeater Control

Displaying Data with the Repeater Control

Using Templates with the Repeater Control

Handling Repeater Control Events

Using the DataList Control

Displaying Data with the DataList Control

Displaying Data in Multiple Columns

Using Templates with the DataList Control

Selecting Data with the DataList Control

Editing Data with the DataList Control

Formatting the DataList Control

13 Using the ObjectDataSource Control

Representing Objects with the ObjectDataSource Control

Binding to a Component

Binding to a DataReader

Binding to a DataSet

Using Parameters with the ObjectDataSource Control

Using Different Parameter Types

Passing Objects as Parameters