

10

Session Ten: Accessing Data

As a general rule, the most successful man in life is the man who has the best information.

Benjamin Disraeli, British Prime Minister (1804 – 1881)

Almost every ASP.NET web site has a database of some kind. For example, online shops have databases filled with products, customer details and orders.

Being able to interact with a database is almost always required when writing interactive web sites.

In this session you'll learn how to use Microsoft's new LINQ technology to allow your website to interact with a database by creating web pages that are able to read, write and edit data.

Session Objectives

By the end of this session you will be able to:

- Work with SQL databases in Visual Studio
- Add LINQ data classes to a project
- Retrieve a single row of data using LINQ
- Retrieve multiple rows of data using LINQ
- Sort results and called Stored Procedures using LINQ
- Check whether a record exists using LINQ
- Update database records using LINQ
- Insert database records using LINQ
- Delete database records using LINQ
- Use LINQ with collections