Lesson 5: Data Persistence and Manipulation

LINQ

XLinq (LINQ to XML) is the aspect of LINQ that is geared toward querying XML data. Visual Studio includes a mapping designer that can be used to create the mapping between the data schemes in the object and the relational domain. It automatically creates the corresponding classes from a database schema.

LINQ to XML provides an in-memory XML programming interface that leverages the .NET Language-Integrated Query (LINQ) Framework. LINQ to XML uses the latest .NET Framework language capabilities and is comparable to an updated, redesigned Document Object Model (DOM) XML programming interface.

The LINQ family of technologies provides a consistent query experience for objects (LINQ to Objects), relational databases (LINQ to SQL), and XML (LINQ to XML).