Essential Entity Framework

Duración: 5 Días   Código del Curso: GK0772

Temario:

In this course, you will learn how to exploit the full capabilities of Microsoft's open source platform for universal data access: Entity Framework 6.
The Entity Framework provides a conceptual model that more closely resembles entities and relationships in the real world and includes an industrial-strength Object-Relational Mapping (ORM) tool that allows you connect to almost any backend database.
In this course, you will learn many of the features in Entity Framework that enable you to build service-oriented, n-tier applications using test-driven methodologies with robust architectural design patterns.

Dirigido a:

Developers who work with relational databases and want to leverage LINQ and the Entity Framework

Objetivos:

- Leverage features of C#, including extension methods and lambda expressions

- Use LINQ to filter, sort, and group in-memory collections of objects

- Use PLINQ to perform queries in parallel

- Write LINQ to XML queries to search XML documents and save them to the file system

- Create LINQ to Entities queries to execute queries and perform updates in real-world database applications

- Build a rich conceptual entity model using the EF and visually map it to a database schema

- Use Async query and save to improve client responsiveness and server scalability

- Learn how to implement repository and unit of work design patterns with EF

- Detect and resolve concurrency conflicts with LINQ to Entities

- Choose the best strategy for loading related entities (eager, explicit or on-demand)

- Expose data to web clients as REST-based services that can pass though firewalls

- Build a real-world n-tier application using WCF and LINQ to Entities

Prerequisitos:

- Previous experience with C# and Visual Studio is required

Contenido:

Introduction to WCF Data Services

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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