

Entity Framework Core



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This Module



Entity Framework Core 1.1

- Creating Entities
- Using DbContext
- Seeding and Creating the Databases
- Using the Repository Pattern
- Logging

Entity Framework Core 1.1

- Complete Re-write of the Platform
 - Building Data Access without the requirement on Relational Databases
 - Very Much a Work in Progress
 - Design and Implementation all Open Source
 - Entity Framework 6 will work if you need maturity

Demo

Creating Entities



Demo

Creating a DbContext



Demo

Using the DbContext



Demo

Using *Migrations*



Demo

Seeding the Database



Demo

The Repository Pattern



Demo

Logging



Going Deeper

EF Core Getting Started

www.pluralsight.com/courses/entity-framework-core-getting-started

Best Practices in ASP.NET: Entities, Validation, and View Models

www.pluralsight.com/courses/aspdotnet-bestpractices-models

What We've Learned

Entity Framework Core

You can lean on Entity Framework for data storage

Use Migrations to build the database for you

Seeding isn't built-in but you can do it easily.

Use the repository pattern to create testable data access