

# Entity Framework Core



Shawn Wildermuth

@shawnwildermuth | wilderminds.com

# This Module



## Entity Framework Core 1.0

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

# Entity Framework Core 1.0

- 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 7 Looking Ahead

[www.pluralsight.com/courses/entity-framework-7-looking-ahead](http://www.pluralsight.com/courses/entity-framework-7-looking-ahead)

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

[www.pluralsight.com/courses/aspdotnet-bestpractices-models](http://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