

w e l c o m e



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Microsoft Press



# Entity Framework Core

Data Access with C#, MySQL and SQL Server

Matt Dixon

Managing Director/Founder

Front Range Systems



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# Overview

In this session you will learn:

- 🔗 Why .Net Core

- 🔗 Why ORM

- 🔗 Entity Framework Core Basics

- 🔗 Related Entities

- 🔗 Performance Tips

- 🔗 Raw SQL, and Stored Procedures

- 🔗 Transactions



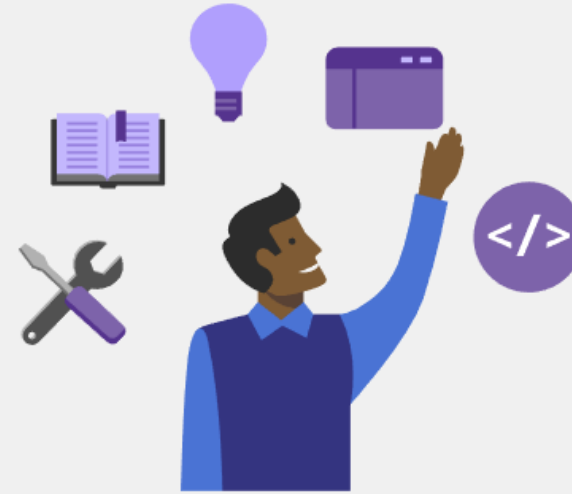
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# Why Choose .NET?

## Productive

.NET helps you develop high quality applications faster. Modern language constructs like generics, Language Integrated Query (LINQ), and asynchronous programming make developers productive.

Combined with the extensive class libraries, common APIs, multi-language support, and the powerful tooling provided by the [Visual Studio family](#), .NET is the most productive platform for developers.



## Any app, any platform

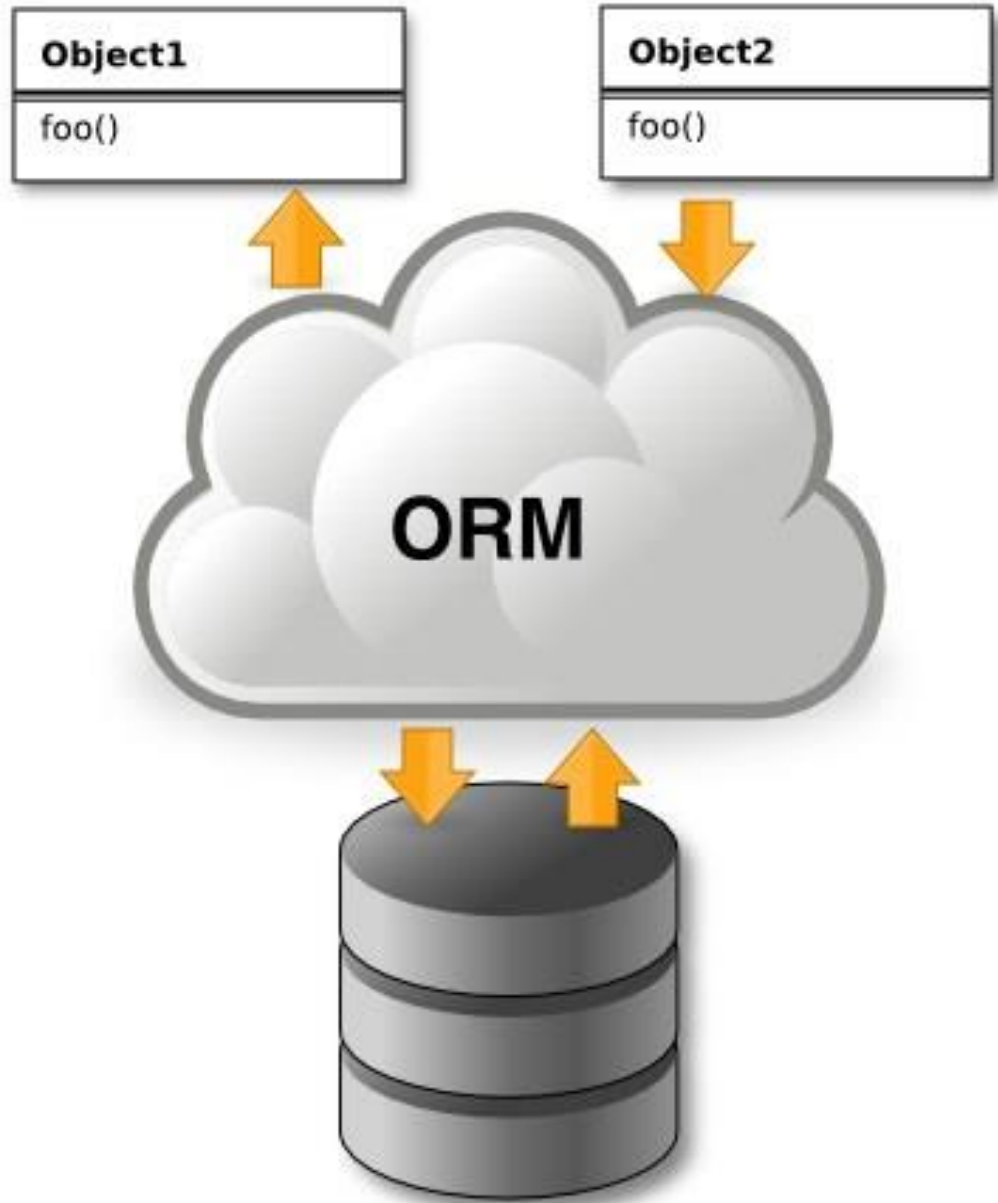
With .NET you can target any application type running on any platform. Developers can reuse skills and code across all of them in a familiar environment.

From mobile applications running on iOS, Android and Windows, to Enterprise server applications running on Windows Server and Linux, or high-scale microservices running in the cloud, .NET provides a solution for you.



# Why ORM

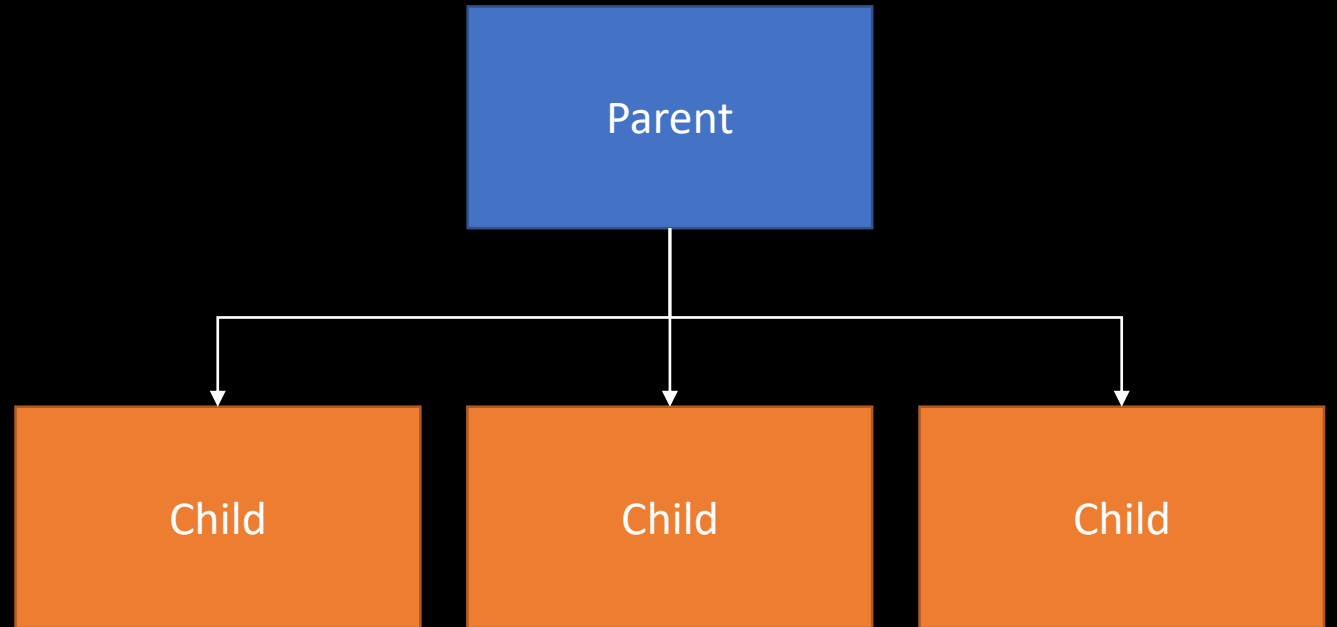
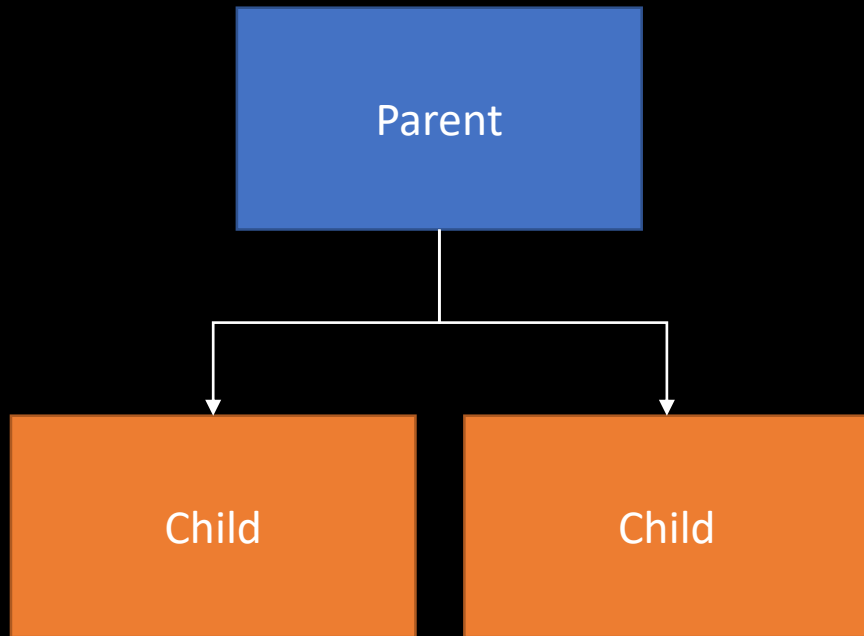
- Turns relational data into objects
- No inline SQL Statemetns
- Pure Magic



# Entity Framework Core Basics



# Loading Related Entities



# Performance Tips



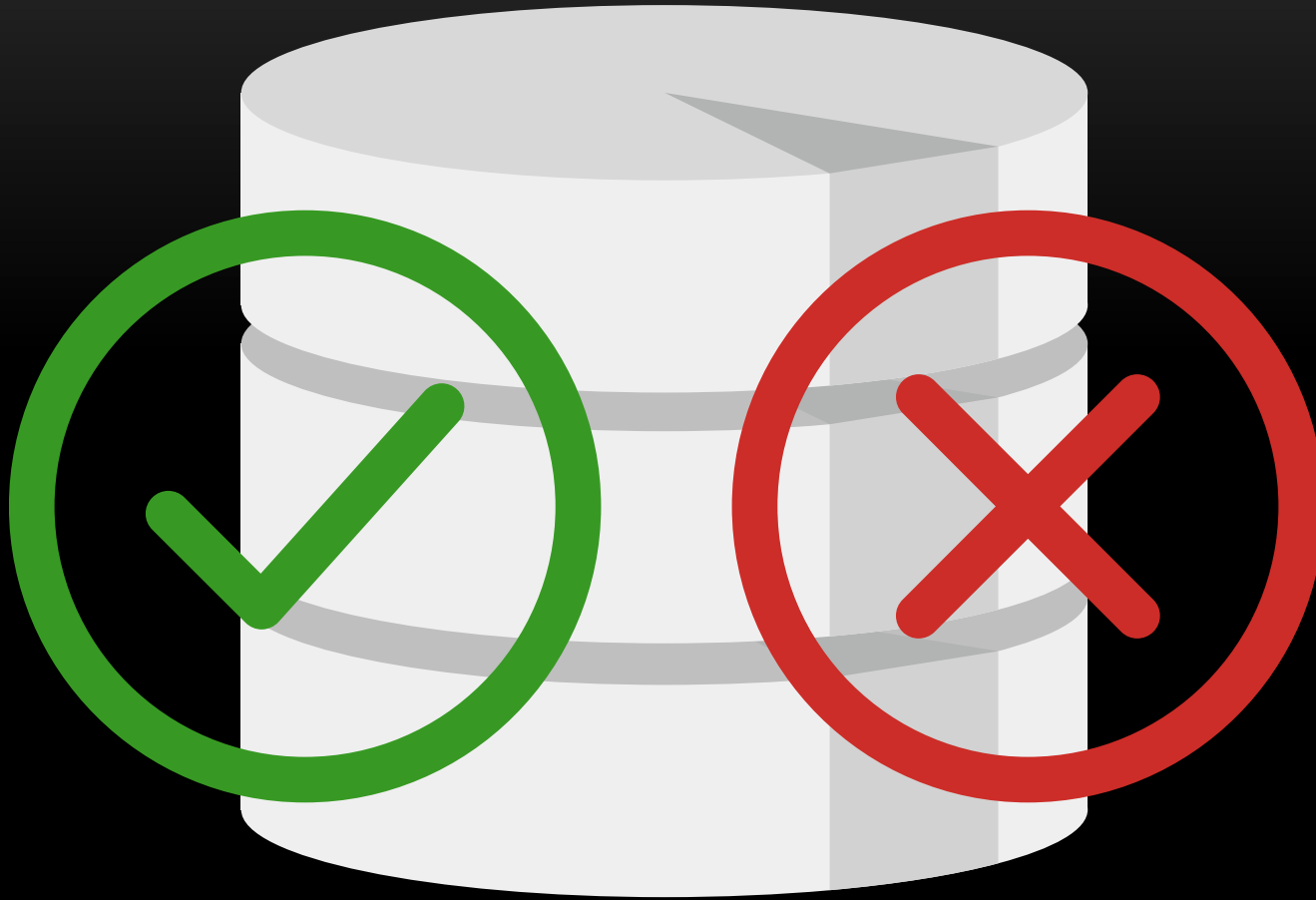


# Raw SQL and Stored Procedures



**SQL**

# Transactions



# Resources

<http://bit.ly/frs-efcore>