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# Learn Entity Framework Core 2.0

## Efc2 Using Asp Net Core

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ASP.NET Core 2.2 MVC, Razor Pages, API, JSON Web Tokens & HttpClient  
Entity Framework Tutorial  
C# 8.0 and .NET Core 3.0 – Modern Cross-Platform Development  
Diving Into Microsoft .Net Entity Framework: A Beginners Guide to Learn Entity Framework  
Cross-Platform Modern Apps with VS Code  
From Novice to Professional  
ASP.NET Core: Cloud-ready, Enterprise Web Application Development  
Build modern web apps with ASP.NET Core 2.0, MVC, and EF Core 2  
Programming Entity Framework  
Build intelligent apps, websites, and services with Blazor, ASP.NET Core, and Entity Framework Core using Visual Studio Code  
DbContext  
Pro ASP.NET Core MVC 2  
Brain, Mind, Experience, and School: Expanded Edition  
How People Learn  
Essential Angular for ASP.NET Core MVC 3  
Full-Stack Web Development with .NET Core and Angular  
Modern Data Access with Entity Framework Core  
Entity Framework Core Cookbook  
Beginning Entity Framework Core 2.0  
Entity Framework Core in Action  
Build applications with C#, .NET Core, Entity Framework Core, ASP.NET Core, and ML.NET using Visual Studio Code, 4th Edition  
Beginning Entity Framework Core 5  
Combine the power of EF Core, ASP.NET Core and Xamarin.Forms to build multi-platform applications on Visual Studio Code (English Edition)  
Practical Entity Framework  
Programming Entity Framework  
Mastering Entity Framework Core 2.0  
Building Data Centric Apps with the ADO.NET Entity Framework  
Dive into entities, relationships, querying, performance optimization, and more, to learn efficient data-driven development  
ASP.NET Core for Jobseekers  
ASP.NET Core in Action  
Building a Web App with Blazor and ASP .Net Core  
Build Career in Designing Cross-Platform Web Applications Using Razor and Entity Framework Core (English Edition)  
C# 9 and .NET 5 – Modern Cross-Platform Development - Fifth Edition  
How to Build a Video Course Website

ASP. NET Web API and Angular 2  
Pro Entity Framework Core 2 for ASP.NET Core MVC  
Hands-On Entity Framework Core 5  
Programming Entity Framework  
Mastering Entity Framework Core 2.0

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## HARVEY SONNY

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*ASP.NET Core 2.2 MVC, Razor Pages, API, JSON Web Tokens & HttpClient*  
"O'Reilly Media, Inc."  
Model, map, and access data effectively with Entity Framework Core 2, the latest evolution of Microsoft's object-relational mapping framework that allows developers to access data using .NET objects, and the most common data access layer used in ASP.NET Core MVC 2 projects. Best-selling author Adam Freeman explains how to get the most from Entity Framework Core 2 in MVC projects. He begins by describing the different ways that Entity Framework Core 2 can model data and the different types of databases that can be used. He then shows you how to use Entity Framework Core 2 in your own MVC projects, starting from the nuts-and-bolts and building up

to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. What you'll learn: Gain a solid architectural understanding of Entity Framework Core 2 Learn how to create databases using your MVC data model Learn how to create MVC models using an existing database Learn how to use Entity Framework Core 2 to access data in an MVC application Learn how to use Entity Framework in RESTful Web Services Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them. Who this book is for: This book is for ASP.NET Core MVC 2 developers who want to use Entity Framework Core 2 as the data access layer in their projects.  
**Entity Framework Tutorial** Apress  
Now in its 7th edition, the best selling book on MVC

is updated for ASP.NET Core MVC 2. It contains detailed explanations of the Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes

cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. The book includes a fully worked case study of a functioning web application that readers can use as a template for their own projects. What's New in This Edition Fully updated for Visual Studio 2017, C# 7 and .NET Core 2 Coverage of new features such as view filters Wider platform and tooling coverage than ever before, with more on Visual Studio Code and working with .NET Core on non-Windows platforms Docker-based application deployment What You Will Learn Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC 2 and how best to apply these new

features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the ASP.NET Core MVC 2 Framework.

[C# 8.0 and .NET Core 3.0 - Modern Cross-Platform Development](#)

Packt Publishing Ltd

Reading and storing data is a core part of any application, and .NET developers want database access to be easy and intuitive. Entity Framework Core is a .NET library designed to simplify data persistence, bridging the mismatch between the different structures of object-oriented code and relational databases.

Entity Framework Core in Action teaches developers how to add database functionality to .NET applications with EF Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning

Publications.

### **Dividing Into Microsoft .Net Entity Framework: A Beginners Guide to Learn Entity Framework**

Apress

Use the valuable Entity Framework Core 2.0 tool in ASP.NET and the .NET Framework to eliminate the tedium around accessing databases and the data they contain. Entity Framework Core 2.0 greatly simplifies access to relational databases such as SQL Server that are commonly deployed in corporate settings. By eliminating tedious data access code that developers are otherwise forced to use, Entity Framework Core 2.0 enables you to work directly with the data in a database through domain-specific objects and methods. Beginning Entity Framework Core 2.0 is a carefully designed tutorial. Throughout the book you will encounter examples that you can use in your day-to-day coding, and you will build a solid foundation on which to create database-backed applications. If you are looking for a way to get started without getting buried under details you are only going to forget, then this is the book for you. The author aims to leave you

comfortably able to connect to, access, modify, and delete data from a relational database. The book provides a clear, straightforward approach and includes code that you can look back at months later and understand. What You'll Learn Study easy-to-follow, real-world examples you can use every day Focus on DbContext and the Database First approach Understand how to work with single and multiple tables Use the LINQ query language to manipulate data Who This Book Is For C# and ASP.NET programmers looking for an easier way of accessing data in a relational database than writing in SQL—a way that meshes better into object-oriented application development

### **Cross-Platform Modern Apps with VS Code**

"O'Reilly Media, Inc."

A comprehensive guide to the Entity Framework with insight into its latest features and optimizations for responsive data access in your projects About This Book Create Entity data models from your database and use them in your applications Learn about the Entity Client

data provider and write statements in Entity SQL to perform CRUD operations Explore ADO.NET Data Services and how they work with the Entity Framework Who This Book Is For If you are a C# developer who wants to learn a new way of querying data and utilizing it in applications efficiently for data binding or other operations, then this book is for you. Basic knowledge of ADO.NET is assumed. What You Will Learn Explore the features of the ADO.NET Entity Framework Understand the concepts of entities and their relationships Create an Entity Data Model using the ADO.NET Entity Data Model Designer and the EdmGen tool Extend existing Entity Types to create your own Entity Types Write programs against the Entity Data Model to perform CRUD operations Discover ADO.NET Data Services and learn how they can be used with the Entity Framework Familiarize yourself with WCF Data Services (formerly ADO.NET Data Services) Apply Code First, Model First and Database First approaches In Detail The ADO.NET Entity Framework from Microsoft is a new ADO.NET

development framework that provides a level of abstraction for data access strategies and solves the impedance mismatch issues that exist between different data models. This book explores Microsoft's Entity Framework and explains how it can be used to build enterprise level applications. It will also teach you how you can work with RESTful Services and Google's Protocol Buffers with Entity Framework and WCF. You will explore how to use Entity Framework with ASP.NET Web API and also how to consume the data exposed by Entity Framework from client applications of varying types, i.e., ASP.NET MVC, WPF and Silverlight. You will familiarize yourself with the new features and improvements introduced in Entity Framework including enhanced POCO support, template-based code generation, tooling consolidation and connection resiliency. By the end of the book, you will be able to successfully extend the new functionalities of Entity framework into your project. Style and approach This book is a step-by-step tutorial providing hands-on code examples with detailed

explanations. The book aims to explain the concepts of the Entity Framework and illustrate how you can use these in applications with a tutorial based approach.

*From Novice to*

*Professional* Packt

Publishing Ltd

Model, map, and access data effectively with

Entity Framework Core 2, the latest evolution of

Microsoft's object-relational mapping

framework. You will

access data utilizing .NET objects via the most

common data access

layer used in ASP.NET

Core MVC 2 projects.

Best-selling author Adam Freeman explains how to

get the most from Entity Framework Core 2 in MVC

projects. He begins by describing the different

ways that Entity

Framework Core 2 can

model data and the

different types of

databases that can be

used. He then shows you

how to use Entity

Framework Core 2 in your

own MVC projects,

starting from the nuts and

bolts and building up to

the most advanced and

sophisticated features,

going in-depth to give you

the knowledge you need.

Chapters include common

problems and how to

avoid them. What You'll

Learn Gain a solid

architectural

understanding of Entity

Framework Core 2 Create

databases using your MVC

data model Create MVC

models using an existing

database Access data in

an MVC application using

Entity Framework Core 2

Use Entity Framework in

RESTful Web Services

Who This Book Is For

ASP.NET Core MVC 2

developers who want to

use Entity Framework

Core 2 as the data access

layer in their projects

[ASP.NET Core: Cloud-](#)

[ready, Enterprise Web](#)

[Application Development](#)

Apress

Angular 5 and .NET Core 2

updates for this book are

now available. Follow the

Download Source Code

link for this book on the

Apress website. Discover

Angular, the leading

client-side web

framework, from the point

of view of an ASP.NET

Core MVC developer.

Best-selling author Adam

Freeman brings these two

key technologies together

and explains how to use

ASP.NET Core MVC to

provide back-end services

for Angular applications.

This fast-paced, practical

guide starts from the nuts

and bolt and gives you

the knowledge you need

to combine Angular (from

version 2.0 up) and

ASP.NET Core MVC in your

projects. What You'll

Learn Gain a solid

understanding of how

ASP.NET Core MVC and

Angular can work together

Use Visual Studio 2017 to

develop Angular/ASP.NET

Core MVC projects Create

ASP.NET Core RESTful

web services to support

Angular applications

Expose data from Entity

Framework Core to

Angular applications Use

ASP.NET Core Identity to

provide security services

to Angular applications

Each topic is covered

clearly and concisely and

is packed with the

essential details you need

to learn to be truly

effective. Who This Book

Is For This book is for

developers with a

knowledge of ASP.NET

Core MVC who are

introducing Angular into

their projects.

*Build modern web apps*

*with ASP.NET Core 2.0,*

*MVC, and EF Core 2*

National Academies Press

Learn how to leverage the

features of the new Entity

Framework Core APIs and

use them to build pure

.NET Core applications.

About This Book Learn

how to effectively manage

your database to make it

more productive and

maintainable. Write

simplified queries using

LINQ to acquire the

desired data easily Raise the abstraction level from data to objects so teams can function independently, resulting in easily maintainable code Who This Book Is For This book is for .NET Core developers who would like to integrate EF Core in their application. Prior knowledge of .NET Core and C# is assumed. What You Will Learn Create databases and perform CRUD operations on them Understand and build relationships (related to entities, keys, and properties) Understand in-built, custom, and remote validation (both client and server side) You will learn to handle concurrency to build responsive applications You will handle transactions and multi-tenancy while also improving performance In Detail Being able to create and maintain data-oriented applications has become crucial in modern programming. This is why Microsoft came up with Entity Framework so architects can optimize storage requirements while also writing efficient and maintainable application code. This book is a comprehensive guide that will show how to utilize the power of the Entity Framework to build efficient .NET Core

applications. It not only teaches all the fundamentals of Entity Framework Core but also demonstrates how to use it practically so you can implement it in your software development. The book is divided into three modules. The first module focuses on building entities and relationships. Here you will also learn about different mapping techniques, which will help you choose the one best suited to your application design. Once you have understood the fundamentals of the Entity Framework, you will move on to learn about validation and querying in the second module. It will also teach you how to execute raw SQL queries and extend the Entity Framework to leverage Query Objects using the Query Object Pattern. The final module of the book focuses on performance optimization and managing the security of your application. You will learn to implement failsafe mechanisms using concurrency tokens. The book also explores row-level security and multitenant databases in detail. By the end of the book, you will be proficient in implementing Entity Framework on your

.NET Core applications. Style and approach This book is filled with various examples that will help you use Entity Framework Core 2.0 to write efficient software.

### **Programming Entity Framework** Pearson

Professional

Your hands-on guide to Entity Framework fundamentals Expand your expertise—and teach yourself the fundamentals of the Microsoft ADO.NET Entity Framework 5. If you have previous programming experience but are new to the Entity Framework, this tutorial delivers the step-by-step guidance and coding exercises you need to master core topics and techniques. Discover how to: Access data in a managed way—using minimal code Apply three workflows supported by the Entity Framework Perform essential tasks with full automation in place Manipulate data with both LINQ and Entity SQL Create examples that rely on Table-Valued Functions Determine the remedies for Entity-specific exceptions Explore the use of optimistic and pessimistic concurrency Define mappings between your applications and data sources



*Build intelligent apps, websites, and services with Blazor, ASP.NET Core, and Entity Framework Core using Visual Studio Code*  
 Pearson Education  
 Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the framework latest version in Visual Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, *Programming Entity Framework* covers it all -- from the Entity Data Model and Object Services to WCF Services, MVC Apps, and unit testing. This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications. Learn to query your data, using either LINQ to

Entities or Entity SQL  
 Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications  
 Build and consume WCF Services, WCF Data Services, and WCF RIA Services  
 Use Object Services to work directly with your entity objects  
 Create persistent ignorant entities, repositories, and write unit tests  
 Delve into model customization, relationship management, change tracking, data concurrency, and more  
 Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away  
 Apress  
 Learn the fundamentals, practical applications, and latest features of C# 8.0 and .NET Core 3.0 from expert teacher Mark J. Price.  
 Key Features  
 Build modern, cross-platform applications with .NET Core 3.0  
 Get up to speed with C#, and up to date with all the latest features of C# 8.0  
 Start creating professional web applications with ASP.NET Core 3.0  
 Book Description  
 In C# 8.0 and .NET Core 3.0 -- Modern Cross-Platform Development, Fourth Edition, expert teacher Mark J. Price gives you everything you need to start programming C#

applications. This latest edition uses the popular Visual Studio Code editor to work across all major operating systems. It is fully updated and expanded with new chapters on Content Management Systems (CMS) and machine learning with ML.NET. The book covers all the topics you need. Part 1 teaches the fundamentals of C#, including object-oriented programming, and new C# 8.0 features such as nullable reference types, simplified switch pattern matching, and default interface methods. Part 2 covers the .NET Standard APIs, such as managing and querying data, monitoring and improving performance, working with the filesystem, async streams, serialization, and encryption. Part 3 provides examples of cross-platform applications you can build and deploy, such as web apps using ASP.NET Core or mobile apps using Xamarin.Forms. The book introduces three technologies for building Windows desktop applications including Windows Forms, Windows Presentation Foundation (WPF), and Universal Windows Platform (UWP) apps, as well as web applications, web

services, and mobile apps. What you will learn Build cross-platform applications for Windows, macOS, Linux, iOS, and Android Explore application development with C# 8.0 and .NET Core 3.0 Explore ASP.NET Core 3.0 and create professional web applications Learn object-oriented programming and C# multitasking Query and manipulate data using LINQ Use Entity Framework Core and work with relational databases Discover Windows app development using the Universal Windows Platform and XAML Build mobile applications for iOS and Android using Xamarin.Forms Who this book is for Readers with some prior programming experience or with a science, technology, engineering, or mathematics (STEM) background, who want to gain a solid foundation with C# 8.0 and .NET Core 3.0.

**Dbcontext** Independently Published Entity Framework 6 Recipes provides an exhaustive collection of ready-to-use code solutions for Entity Framework, Microsoft's model-centric, data-access platform for the

.NET Framework and ASP.NET development. With this book, you will learn the core concepts of Entity Framework through a broad range of clear and concise solutions to everyday data access tasks. Armed with this experience, you will be ready to dive deep into Entity Framework, experiment with new approaches, and develop ways to solve even the most difficult data access challenges. If you are a developer who likes to learn by example, then this is the right book for you. Gives ready-to-use, real-world recipes to help you with everyday tasks Places strong focus on DbContext and the Code First approach Covers new features such as Asynch Query and Save, Codebased Configuration, Connection Resiliency, Dependency Resolution, and much more What you'll learn Implement basic data access design patterns using Entity Framework. Seamlessly model your solutions across both code and data. Provide data access to Windows 8 and Metro applications. Integrate with WCF Data Services Improve data access performance. Simplify and reduce your code through data binding. Who this

book is for Entity Framework 6 Recipes is for anyone learning Microsoft's Entity Framework—Microsoft's primary data access platform in the .NET Framework. If you have ever struggled to learn a new technology, programming model, or way of doing something, you know how helpful simple and real-world examples can be. For the beginning developer, this book provides concrete examples for common data access tasks. For developers having experience with previous Microsoft data access platforms, this book provides a task-by-task mapping between previous approaches and the patterns used in Entity Framework. Table of Contents Getting Started with Entity Framework Entity Data Modeling Fundamentals Querying an Entity Data Model Using Entity Framework in ASP.NET Loading Entities and Navigation Properties Beyond the Basics with Modeling and Inheritance Working with Object Services Plain Old CLR Objects Using the Entity Framework in N-Tier Applications Stored Procedures Functions Customizing Entity Framework Objects



Improving Performance  
Concurrency  
*Pro ASP.NET Core MVC 2*  
Packt Publishing Ltd  
A comprehensive guide for beginners to learn the key concepts, real-world applications, and latest features of C# 9 and .NET 5 with hands-on exercises using VS Code Key Features Explore the newest additions to C# 9, the .NET 5 class library, Entity Framework Core and Blazor Strengthen your command of ASP.NET Core 5.0 and create professional websites and services Build cross-platform apps for Windows, macOS, Linux, iOS, and Android Book Description In C# 9 and .NET 5 - Modern Cross-Platform Development, Fifth Edition, expert teacher Mark J. Price gives you everything you need to start programming C# applications. This latest edition uses the popular Visual Studio Code editor to work across all major operating systems. It is fully updated and expanded with a new chapter on the Microsoft Blazor framework. The book's first part teaches the fundamentals of C#, including object-oriented programming and new C# 9 features such as top-level programs, target-

typed new object instantiation, and immutable types using the record keyword. Part 2 covers the .NET APIs, for performing tasks like managing and querying data, monitoring and improving performance, and working with the file system, async streams, serialization, and encryption. Part 3 provides examples of cross-platform apps you can build and deploy, such as websites and services using ASP.NET Core or mobile apps using Xamarin.Forms. By the end of the book, you will have acquired the understanding and skills you need to use C# 9 and .NET 5 to create websites, services, and mobile apps. What you will learn Build your own types with object-oriented programming Query and manipulate data using LINQ Build websites and services using ASP.NET Core 5 Create intelligent apps using machine learning Use Entity Framework Core and work with relational databases Discover Windows app development using the Universal Windows Platform and XAML Build rich web experiences using the Blazor framework Build mobile applications for iOS and

Android using Xamarin.Forms Who this book is for This book is best for C# and .NET beginners, or programmers who have worked with C# in the past but feel left behind by the changes in the past few years. This book doesn't expect you to have any C# or .NET experience; however, you should have a general understanding of programming. Students and professionals with a science, technology, engineering, or mathematics (STEM) background can certainly benefit from this book. Brain, Mind, Experience, and School: Expanded Edition Packt Publishing Ltd  
The framework of choice to build reactive, feature-rich Single Page Applications that just work About This Book\* Learn how to design Single Page Applications (SPAs) with the latest versions of the popular frameworks Angular 2 and ASP.NET Web API\* An explicit focus on understanding how the two tools fit together gives this book a unique insight on how to make SPAs for you and your clients that just work\* This book covers all the major topics you need to create

SPAs with ASP.NET Web API and Angular 2: routing, creating clean URLs, handling data (OData), and authentication

**Who This Book Is For** This book is for seasoned ASP.NET developers who already know how to use ASP.NET Web API and AngularJS, but want to blend them together to craft a production-ready SPA.

**What You Will Learn**

- Get to know the MVC 6 core aspects such as Model and Web API Controller
- Gain the required resources and configure the MVC 6 interface
- See how to client-route requests
- Set-up the data model using entity framework
- Extend the client controllers
- Secure your application against various security threats

**In Detail** For most developers, writing code is a balance between maintainability and productivity-how quickly can you write it versus how much more you have to write in the future. Writing APIs goes some way to striking a balance, as you can have an API that feeds data from your back-end to front-end service for consumption. Now, this front-end can change to a mobile app, a website, desktop app, but

what you do at the back doesn't change and remains ASP.NET Web API. This book focuses on blending and connecting ASP.NET Web API and AngularJS. We'll guide you through building a fully-featured, potentially shippable SPA project with all its core aspects in place: readable URIs, OData retrieval, authentication patterns, RESTful interfaces, and more. By the end of the book, you will be able to make impressive SPAs using ASP.NET Web API and Angular 2. This book focuses about blending/connecting together the two topic technologies: ASP.NET WebAPI and AngularJS. The book aims to be a guide to the readers throughout by building a fully-featured, potentially shippable SPA project with all its core aspects in place: readable URIs, OData retrieval, authentication patterns, RESTful interfaces and more.

#### **How People Learn**

Simon and Schuster  
Pro Entity Framework Core 2 for ASP.NET Core MVC  
Apress

#### **Essential Angular for ASP.NET Core MVC 3**

BPB Publications  
Create fast, scalable, and high-performance

applications with C# and ASP.NET Core

**About This Book** Get first-principle coverage of the latest ASP.NET Core MVC. Find out how to bring together the capabilities and features of both Angular 2 and ASP.NET Core. Discover common areas you might encounter performance problems with and areas you don't need to worry about.

**Who This Book Is For** This book is for developers who want to learn to build web applications using ASP.NET Core, those who want to make a career building web applications using Microsoft technology, and those who are working on other web frameworks and want to learn ASP.NET Core.

**What You Will Learn**

- Get to know the concepts of ASP.NET MVC
- Create a Controller with action methods
- Build a view using several features of the Razor View engine
- Construct a Model for ASP.NET Core MVC application
- Find out how the features of ASP.NET Core and Angular 2 perfectly complement each other
- Handle requests and actions using server-side and client-side
- Routing
- Create a Data Model using Entity Framework Core
- Learn how to use Angular 2

components and master directives Improve performance at the network level and I/O level, and how to optimize the application as a whole Monitor performance as part of Continuous Integration and regression testing In Detail ASP.NET Core is the new, open source, and cross-platform, web-application framework from Microsoft. ASP.NET Core MVC helps you build robust web applications using the Model-View-Controller design. This guide will help you in building applications that can be deployed on non-Windows platforms such as Linux. Starting with an overview of the MVC pattern, you will quickly dive into the aspects that you need to know to get started with ASP.NET. You will learn about the core architecture of model, view, and control. Integrating your application with Bootstrap, validating user input, interacting with databases, and deploying your application are some of the things that you will learn to execute with this fast-paced guide. You will test your knowledge as you build a fully working sample application using the skills you've learned throughout the book.

Moving forward, this guide will teach you to combine the impressive capabilities of ASP.NET Core and Angular 2. Not only will you learn how Angular 2 can complement your .NET skills and toolkit, you'll also learn everything you need to build a complete, dynamic single-page application. Find out how to get your data model in place and manage an API, before styling and designing your frontend for an exceptional user experience. You will find out how to optimize your application for SEO, identify and secure vulnerabilities, and how to successfully deploy and maintain your application. From here, you will delve into the latest frameworks and software design patterns to improve your application performance. The course offers premium, highly practical content on the recently released ASP.NET Core, and includes material from the following Packt books: Learning ASP.NET Core MVC Programming, ASP.NET Core and Angular 2, and ASP.NET Core 1.0 High Performance. Style and approach This learning path takes a first-principles approach to help you understand and implement ASP.NET MVC

solutions.

### **Full-Stack Web Development with .NET Core and Angular** Packt Publishing

If you use Entity Framework in Visual Studio 2008 and .NET 3.5, this is the book you want. Programming Entity Framework, 1st Edition offers experienced developers a thorough introduction to Microsoft's core framework for modeling and interacting with data in .NET applications. This hands-on tour provides a deep understanding of Entity Framework's architecture and APIs, and explains how to use the framework in a variety of applications built with Visual Studio 2008 and .NET 3.5. From the Entity Data Model (EDM) and Object Services to EntityClient and the Metadata Workspace, this highly acclaimed first edition covers it all. Understand the core concepts you need to make the best use of the Entity Framework (EF) in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, and ASP.NET applications Build ASMX web services and WCF services Use Object Services to work directly with your entity

objects. Delve into model customization, relationship management, change tracking, data concurrency, and more. One important note: while many of the lessons from this book will continue to be valuable as you move to .NET 4, the thoroughly revised second edition of *Programming Entity Framework* (August 2010) specifically targets Visual Studio 2010 and .NET 4 -- where there have been many advancements and additions to the framework.

### **Modern Data Access with Entity Framework Core** Apress

Use the code-driven approach of Entity Framework Core 5 to build a functional web application that accesses a database on the backend server. This book covers the common use cases of Entity Framework that a developer needs to master in order to begin building applications that run against a database. Throughout the book you will be shown how to use Entity Framework Core 5 by implementing a simple ASP.NET Core Razor Pages line-of-business application. This example application will be similar to those you might write yourself and deploy to your users on a web or

intranet site via a browser. This book takes a code-first approach in which your database will be created and seeded programmatically. You won't need to create the database through your database engine's interface. Instead, you will be shown how to define your data model in Entity Framework, and then let Entity Framework do the work of creating your database and schema for you. From there you will learn how to seed your database with example data, then to implement the common, so-called CRUD operations consisting of creating, retrieving, updating, and deleting rows of data. By the end of the book you will have built a well-designed application that you can use as the basis for future applications that you create in your job. What You Will Learn  
Download and install Entity Framework Core 5  
Perform create, read, update, and delete (CRUD) operations  
Create and seed a database with example data using Entity Framework Core 5  
Incrementally add new database functionality through Entity Framework Core 5 migrations  
Recognize when to take advantage of new

features introduced in Entity Framework Core 5  
Deliver line-of-business applications using ASP.NET Core that run in a browser  
Who This Book Is For  
Developers who are familiar with C# and the .NET Framework who want to learn database access using Entity Framework Core 5.  
For developers creating web-based, line-of-business applications who want to create those applications more quickly and efficiently when databases are involved.  
*Entity Framework Core Cookbook* BPB Publications  
First released in the Spring of 1999, *How People Learn* has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do

infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what

people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education. [Beginning Entity Framework Core 2.0](#) Simon and Schuster Combine the strengths of Angular, the leading framework for developing complex client-side applications, and ASP.NET Core MVC 3, the latest evolution of Microsoft's framework for server-side applications. This new edition offers updated Angular, ASP.NET Core 3, Entity Framework Core 3 examples, an all-new chapter on interoperability with Blazor, and more! Best-selling author Adam Freeman brings together these two key technologies and explains how to use ASP.NET Core MVC 3 to provide back-

end services for Angular applications. This fast-paced and practical guide starts from the nuts and bolts and gives you the knowledge you need to combine Angular and ASP.NET Core MVC 3 in your projects. Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. What You Will Learn Gain a solid understanding of how ASP.NET Core MVC 3 and Angular can work together Utilize both Visual Studio and Visual Studio Code to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular applications Understand how Angular and Blazor applications can work together Who This Book Is For This book is for developers with knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

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