

1. Record Nr.	UNINA9910794639203321
Autore	Aroraa Gaurav
Titolo	Building RESTful web services with .NET Core : developing distributed web services to improve scalability with .net core 2.0 and asp.net core 2.0 // Gaurav Aroraa, Tadit Dash
Pubbl/distr/stampa	Birmingham ; ; Mumbai : , : Packt, , 2018
Edizione	[1st edition]
Descrizione fisica	1 online resource (334 pages)
Disciplina	005.276
Soggetti	Representational State Transfer (Software architecture)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Building Complete E-commerce/Shopping Cart Application About This Book Follow best practices and explore techniques such as clustering and caching to achieve a reactive, scalable web service Leverage the .NET Framework to quickly implement RESTful endpoints. Learn to implement a client library for a RESTful web service using ASP.NET Core. Who This Book Is For This book is intended for those who want to learn to build RESTful web services with the latest .NET Core Framework. To make best use of the code samples included in the book, you should have a basic knowledge of C# and .NET Core. What You Will Learn Add basic authentication to your RESTful API Create a Carts Controller and Orders Controller to manage and process Orders Intercept HTTP requests and responses by building your own middleware Test service calls using Postman and Advanced REST Client Secure your data/application using annotations In Detail REST is an architectural style that tackles the challenges of building scalable web services. In today's connected world, APIs have taken a central role on the web. APIs provide the fabric through which systems interact, and REST has become synonymous with APIs. The depth, breadth, and ease of use of ASP.NET Core makes it a breeze for developers to work with for building robust web APIs. This book takes you through the design of RESTful web services and leverages the ASP.NET Core framework to implement these services. This book begins by introducing you to the</p>

basics of the philosophy behind REST. You'll go through the steps of designing and implementing an enterprise-grade RESTful web service. This book takes a practical approach, that you can apply to your own circumstances. This book brings forth the power of the latest .NET Core release, working with MVC. Later, you will learn about the use of the framework to explore approaches to tackle resilience, security, and scalability concerns. You will explore the steps to improve the performance of your applications. You'll also learn techniques to deal with security in web APIs and discover how to implement unit and integration test strategies. By the end of the book, you will have a complete understanding of Building a client for RESTful web services, along with some scaling techniques. Style and approach This book is a step-by-step, hands-on guide to designing and building RESTful web services. Downloading the example code for this book You can download the example code files for all Packt b...

---