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Titolo	Beginning SOLID Principles and Design Patterns for ASP.NET Developers // by Bipin Joshi
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ISBN	9781484218488 1484218485
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (415 p.)
Collana	Expert's Voice in .Net Development
Disciplina	004
Soggetti	Microsoft software Microsoft .NET Framework Computer programming Microsoft and .NET Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1: Overview of SOLID Principles and Design Patterns -- 2: SOLID Principles -- 3: Creational Patterns - Singleton, Factory Method and Prototype -- 4: Creational Patterns - Abstract Factory and Builder -- 5: Structural Patterns - Adapter, Bridge, Composite and Decorator -- 6: Structural Patterns - Façade, Flyweight and Proxy -- 7: Behavioral Patterns - Chain of Responsibility, Command, Interpreter and Iterator -- 8: Behavioral Patterns - Mediator, Memento and Observer -- 9: Behavioral Patterns - State, Strategy, Template Method and Visitor.-10: Patterns of Enterprise Application Architecture – Repository, Unit of Work, Lazy Load and Service Layer.-11: JavaScript Code Organization Techniques and Patterns.
Sommario/riassunto	This book teaches you all the essential knowledge required to learn and apply time-proven SOLID principles of object-oriented design and important design patterns in ASP.NET 5 (recently renamed ASP.NET Core 1.0) applications. You will learn to write server-side as well as client-side code that makes use of proven practices and patterns. SOLID is an acronym used to describe five basic principles of good object-oriented design--Single Responsibility, Open/Closed, Liskov

Substitution, Interface Segregation and Dependency Inversion. This book covers all five principles and illustrates how they can be used in ASP.NET 5 applications. Design Patterns are time proven solutions to commonly occurring software design problems. The most well-known catalog of design patterns comes from Erich Gamma, Richard Helm, Ralph Johnson and John Vlissides, the so-called GoF patterns (Gang of Four patterns). This book contains detailed descriptions of how to apply Creational, Structural and Behavioral GoF design patterns along with some Patterns of Enterprise Application Architecture. Popular JavaScript patterns are covered, along with working examples of all these patterns in ASP.NET 5 and C# are included. In this book, you'll learn:

- How to apply SOLID principles to ASP.NET 5 applications
- How to use Gang of Four (GoF) design patterns in ASP.NET 5 applications
- Techniques for applying Patterns of Enterprise Application Architecture catalogued by Martin Fowler in ASP.NET 5 applications
- How to organize code and apply design patterns in JavaScript.
