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	Descrizione fisica	1 online resource (XIX, 446 p. 284 illus.)
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	Soggetti	Microsoft software
		Microsoft .NET Framework
		Computer networks
		Microsoft
		Computer Communication Networks
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Chapter 1: Basics Primer -- Chapter 2: Getting Started -- Chapter 3: Extending Visual Studio -- Chapter 4: Developing your first extensions -- Chapter 5: Developing Real-World extensions -- Chapter 6: Develop Real-World Extensions for Visual Studio Editor -- Chapter 7: Snippets, Templates and More -- Chapter 8: Continuous Integration and Hosting- Chapter 9: Tips and Tricks.
	Sommario/riassunto	Master Visual Studio extensibility for an enhanced Visual Studio IDE experience. This book is a comprehensive guide that covers every facet of developing, debugging, and publishing extensions that amplify your productivity, tooling, and analysis within the Visual Studio IDE. This new edition is updated for Visual Studio 2022, which is the latest and greatest version of Visual Studio. Since the last edition, Artificial Intelligence (AI) has taken the world by the storm. This revised edition demonstrates how AI can take your extensions to unparalleled heights using ChatGPT. The book begins with an introduction to the essential concepts of Visual Studio, including data structures and design patterns before diving into the fundamentals of the Visual Studio

extensibility model. Here you will learn the anatomy of a VSIX and how extensions are discovered and loaded in Visual Studio. Next, you will explore the extensibility model and see how various extensions, such as menus, commands, and tool windows can be plugged into Visual Studio. Moving forward, you'll cover developing VS extensions and how they can be made configurable by customizing the UI and options page, and you'll learn to develop a VS extension that leverages ChatGPT. Next, you will see how to extend the most often used component of Visual Studio, the code editor, before creating your own sample code snippets and templates. This is followed by a demonstration of how to deploy extensions using continuous integration (CI). Finally, you will learn tips and tricks for Visual Studio and its extensibility, along with a few highly valuable extensions. After reading Visual Studio Extensibility Development, you will be able to develop, debug, customize, and deploy extensions in Visual Studio IDE. You will: Master the art of personalizing extensions through the creation of dedicated tools option pages Extend commands, editor, and tool window of Visual Studio Seamlessly integrate artificial intelligence in Visual Studio extensions Create project templates, item templates, and code snippets to streamline your development process Enhance IntelliSense for your custom project needs Publish your extension in the Visual Studio marketplace.