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   Soggetti   Scala (Computer program language)
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   Lingua di pubblicazione   Inglese

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   Sommario/riassunto If your application source code is overly verbose, it can be a nightmare
                      to maintain. Write concise and expressive, type-safe code in an
                      environment that lets you build for the JVM, browser, and more. Key
                      Features Expert guidance that shows you to efficiently use both object-
                      oriented and functional programming techniques Understand functional
                      programming libraries, such as Cats and Scalaz, and use them to
                      augment your Scala development Perfectly balances theory and hands-
                      on exercises, assessments, and activities Book Description This book
                      teaches you how to build and contribute to Scala programs,
                      recognizing common patterns and techniques used with the language.
                      You'll learn how to write concise, functional code with Scala. After an
                      introduction to core concepts, syntax, and writing example applications
                      with scalac, you'll learn about the Scala Collections API and how the
                      language handles type safety via static types out-of-the-box. You'll
                      then learn about advanced functional programming patterns, and how
                      you can write your own Domain Specific Languages (DSLs). By the end
                      of the book, you'll be equipped with the skills you need to successfully
                      build smart, efficient applications in Scala that can be compiled to the
                      JVM. What you will learn Understand the key language syntax and core
                      concepts for application development Master the type system to create

scalable type-safe applications while cutting down your time spent debugging Understand how you can work with advanced data structures via built-in features such as the Collections library Use classes, objects, and traits to transform a trivial chatbot program into a useful assistant Understand what are pure functions, immutability, and higher-order functions Recognize and implement popular functional programming design patterns Who this book is for This is an ideal book for developers who are looking to learn Scala, and is particularly well suited for Java developers looking to migrate across to Scala for application development on the JVM.