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Descrizione fisica	1 online resource (XV, 226 p. 31 illus., 22 illus. in color.)
Disciplina	005.1
Soggetti	Java (Computer program language) Compilers (Computer programs) Computer programming Java Compilers and Interpreters Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Introduction to Scala -- 2. Introduction to DSL -- 3. External DSL -- 4. Internal DSL -- 5. Creating Web API and Microservices -- 6. Identification of a user -- 7. Creating a custom language -- 8. Mobile development -- 9. Forex System -- 10. Game Development -- 11. Cloud Development and DevOps.
Sommario/riassunto	Build domain specific languages (DSLs) using Java's most popular functional programming language: Scala. This book introduces the basics of Scala and DSLs using a series of practical examples. In each chapter of Practical Scala DSLs, you'll learn to create pragmatic and complete code examples that explain the actual use of DSLs with Scala: a web API and microservices; a custom language; a mobile app; a Forex system; a game; and cloud applications. At the end of this unique book, you'll be able to describe the differences between external and internal DSLs; understand when and how to apply DSLs; create DSLs using Scala; and even create a DSL using another programming language. You will: Build DSLs in Scala Write a web API and microservices Create a custom language Apply DSLs to mobile apps development, a Forex trading system, game development, and more Discover the role of DSLs

in cloud development Integrate DSLs as part of a DevOps program or
structure Build internal and external DSLs.
