

1. Record Nr.	UNINA9910380730203321
Autore	Fernando Anjana
Titolo	Beginning Ballerina Programming : From Novice to Professional / / by Anjana Fernando, Lakmal Warusawithana
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2020
ISBN	9781484251393 1484251393
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 335 p. 75 illus.)
Disciplina	001.642
Soggetti	Programming languages (Electronic computers) Java (Computer program language) Computer programming Programming Languages, Compilers, Interpreters Java Web Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Getting Started -- Chapter 2: Programming Basics -- Chapter 3: Lists, Mappings and Objects -- Chapter 4: Code Organization -- Chapter 5: Error Handling -- Chapter 6: Concurrency -- Chapter 7: Files and I/O -- Chapter 8: Programming the Network -- Chapter 9: Information Security -- Chapter 10: Database Programming -- Appendix A: Numbers and Representation.
Sommario/riassunto	Discover the Ballerina programming language for next-generation microservices and cloud-native application development. This book shows you that Ballerina is a cutting-edge programming language which incorporates many of the latest technological advancements in programming language theory. You'll learn variables and types, modules and functions, flow control, error handling, concurrency, I/O, cloud/network programming, persistence and data access, security and more. Additionally, Beginning Ballerina Programming introduces many foundation computer science topics along the way and doesn't assume much prior knowledge. For example, when introducing transport-level security, you will get a brief introduction to public-key cryptography,

how it is different from private-key cryptography, and why we need it. This provides an added bonus for you to learn something new and general in computer science. After reading and using this book, you'll be proficient with Ballerina and cloud-first programming and be able to apply these concepts and techniques to your next cloud application developments You will: Start programming with Ballerina Gain the basics of network communication and programming Obtain a solid understanding of services/API development and resilient communication Effective use of concurrency in programming Learn the basics of information security and its applications Persistent data storage and access.

---