

1. Record Nr.	UNINA9910522974003321
Autore	Varanasi Balaji
Titolo	Spring REST : Building Java Microservices and Cloud Applications / / by Balaji Varanasi, Maxim Bartkov
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2022
ISBN	9781484274774 1484274776
Edizione	[2nd ed. 2022.]
Descrizione fisica	1 online resource (251 pages)
Disciplina	005.13
Soggetti	Internet programming Cloud computing Compilers (Computer programs) Computer programming Programming languages (Electronic computers) Web Development Cloud Computing Compilers and Interpreters Programming Techniques Programming Language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Introduction to REST -- 2. Spring MVC & Spring Boot Primer -- 3. RESTful Spring -- 4. Beginning the QuickPoll Application -- 5. Error Handling -- 6. Documenting REST Services -- 7. Versioning, Paging, and Sorting -- 8. Security -- 9. Clients and Testing -- 10. HATEOAS.
Sommario/riassunto	Design and develop Java-based RESTful APIs using the latest versions of the Spring MVC and Spring Boot frameworks. This book walks you through the process of designing and building a REST application while delving into design principles and best practices for versioning, security, documentation, error handling, paging, and sorting. Spring REST provides a brief introduction to REST, HTTP, and web infrastructure. You will learn about several Spring projects such as Spring Boot, Spring MVC, Spring Data JPA, and Spring Security, and the

role they play in simplifying REST application development. You will learn how to build clients that consume REST services. Finally, you will learn how to use the Spring MVC test framework to unit test and integration test your REST API. After reading this book, you will come away with all the skills to build sophisticated REST applications using Spring technologies. You will:

- Build Java-based microservices, native cloud, or any applications using Spring REST
- Employ Spring MVC and RESTful Spring
- Build a QuickPoll application example
- Document REST services, as well as versioning, paging, and sorting
- Test, handle errors and secure your application.

---