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Autore	Sharma Atri
Titolo	Practical apache lucene 8 : uncover the search capabilities of your application // Atri Sharma
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ISBN	1-4842-6345-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (114 pages)
Disciplina	005.133
Soggetti	Open Source Computer Applications Java (Indonesia)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Hola Lucene! -- Chapter 2: Hello World -- The Lucene Way -- Chapter 3: Core Search Fundamentals -- Chapter 4: Spatial Indexing -- Chapter 5: Build Your Own Location Aware Search Engine -- Chapter 6: Build Your Own Text Classifier with Apache Mahout and Lucene -- Chapter 7: Performance Tuning Your Lucene Applications -- Chapter 8: Your First Lucene Patch.
Sommario/riassunto	Gain a thorough knowledge of Lucene's capabilities and use it to develop your own search applications. This book explores the Java-based, high-performance text search engine library used to build search capabilities in your applications. Starting with the basics of Lucene and searching, you will learn about the types of queries used in it and also take a look at scoring models. Applying this basic knowledge, you will develop a hello world app using basic Lucene queries and explore functions like scoring and document level boosting. Along the way you will also uncover the concepts of partial searching and matching in Lucene and then learn how to integrate geographical information (geospatial data) in Lucene using spatial queries and n-dimensional indexing. This will prepare you to build a location-aware search engine with a representative data set that allows location constraints to be specified during a search. You'll also develop

a text classifier using Lucene and Apache Mahout, a popular machine learning framework. After a detailed review of performance benchmarking and common issues associated with it, you'll learn some of the best practices of tuning the performance of your application. By the end of the book you'll be able to build your first Lucene patch, where you will not only write your patch, but also test it and ensure it adheres to community coding standards. You will: Master the basics of Apache Lucene Utilize different query types in Apache Lucene Explore scoring and document level boosting Integrate geospatial data into your application.
