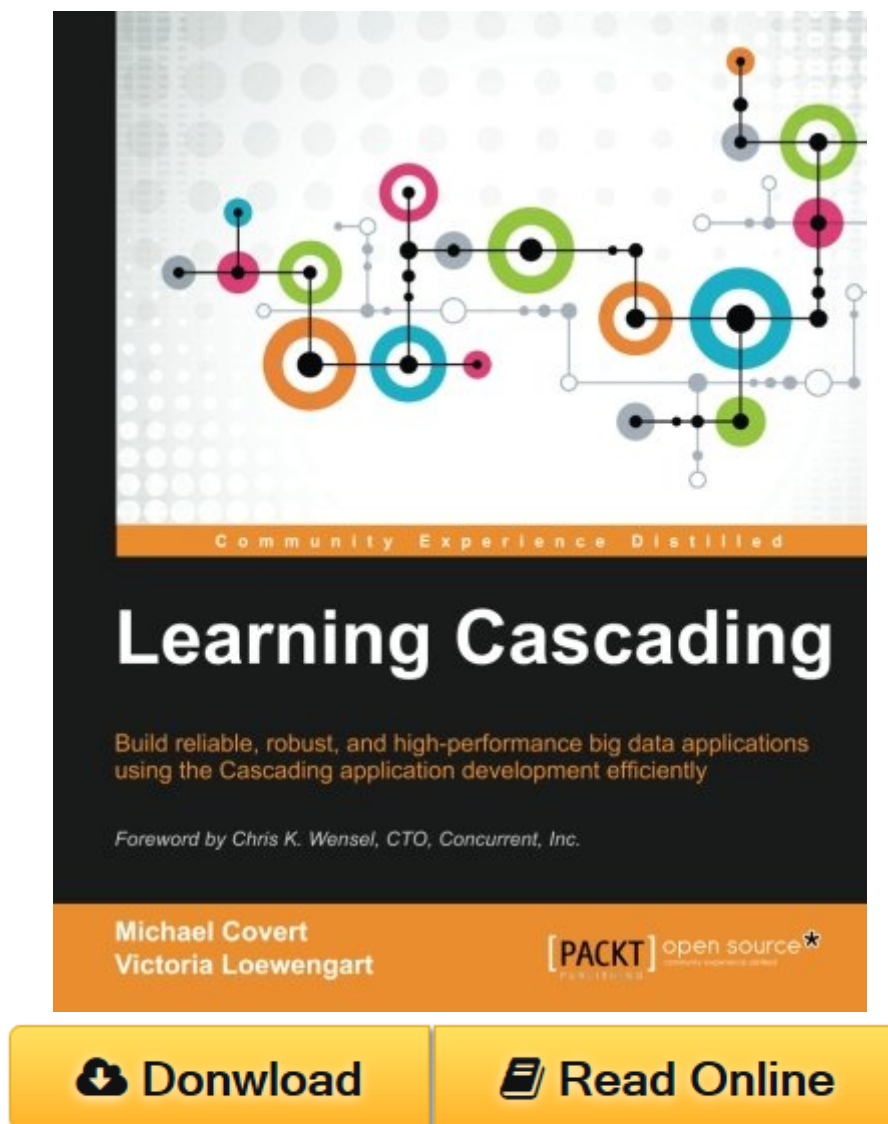


Learning Cascading PDF



Learning Cascading by Michael Covert, Victoria Loewengart ISBN 1785288911

Build reliable, robust, and high-performance big data applications using the Cascading application development efficiently

About This Book

- Understand how Cascading fits into the big data landscape and hides the complexity of MapReduce to enable the development of streamlined, maintainable, and concise applications
- Develop a real-life Cascading application that can be easily customized for your specific needs
- Learn basic and advanced features of Cascading through a practical, hands-on approach with step-by-step instructions and code samples

Who This Book Is For

This book is intended for software developers, system architects and analysts, big data project managers, and data scientists who wish to deploy big data solutions using the Cascading framework. You must have a basic understanding of the big data paradigm and should be familiar with Java development techniques.

What You Will Learn

- Familiarize yourself with tuples, pipes, taps, and flows and build your first Cascading application
- Discover how to design, develop, and use custom operations
- Design, develop, use, and reuse code with subassemblies and Cascades
- Acquire the skills you need to integrate Cascading with external systems
- Gain expertise in testing, QA, and performance tuning to run an efficient and successful Cascading project
- Explore project management methodologies and steps to develop workable solutions
- Discover the future of big data frameworks and understand how Cascading can help your software to evolve with it
- Uncover sources of additional information and other tools that can make development tasks a lot easier

In Detail

Cascading is open source software that is used to create and execute complex data processing workflows on big data clusters. The book starts by explaining how Cascading relates to core big data technologies such as Hadoop MapReduce. Having instilled an understanding of the technology, the book provides a comprehensive introduction to the Cascading paradigm and its components using code examples. You will not only learn more advanced Cascading features, you will also write code to utilize them. Furthermore, you will gain in-depth knowledge of how to efficiently optimize a Cascading application. To deepen your knowledge and experience with Cascading, you will work through a real-life case study using Natural Language Processing to perform text analysis and search on large volumes of unstructured text. Throughout the book, you will receive expert advice on how to use the portions of the product that are undocumented or have limited documentation. By the end of the book, you will be able to build practical Cascading applications.

Learning Cascading Review

This Learning Cascading book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Learning Cascading without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Learning Cascading can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Learning Cascading having great arrangement in word and layout, so you will not really feel uninterested in reading.