Instant Effective Caching with Ehcache

By Daniel Wind

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Extend the capabilities of your caching layer by integrating Ehcache into your Java Enterprise projects

Overview

- Learn something new in an Instant! A short, fast, focused guide delivering immediate results
- Setup Ehcache and understand its configuration
- Use Ehcache with popular Java frameworks
- Monitor an Ehcache-based application using open source software

In Detail

Ehcache is a standards-based cache that helps you to boost performance while providing many facilities, such as in-memory data management. However, developers can run into issues when implementing Ehcache. Ehcache Effective How-to examines the common scenarios with an objective to help you learn Ehcache, with recipes that focus on smoothly integrating Ehcache into your projects.

"Effective Caching with Ehcache" is a hands-on tutorial on Ehcache, and details the methods to integrate Ehcahe into your Java applications. The book aims to shed light on the mysteries surrounding Ehcache whose answers were confined to a few highly experienced professionals of the developer's world. The book is filled with examples, and each recipe is assisted by source code, which explains how Ehcache works in a real Java application.

"Effective Caching with Ehcache" begins with a simple recipe that focuses on the scenarios where Ehcache could be used. You are then redirected towards understanding and learning the basic concepts of caching and Ehcache configuration. During the course of the book, you will learn how to improve the performance of an application and its cache. The recipes emphasize extending the capabilities of your caching layer with hands-on discussion on building smart DAOs, and enabling and exploiting the Ehcache statistics. By the end of the book, you will be able to confidently choose the right configuration for your application while implementing Ehcache in a clustered environment.

What you will learn from this book

- Implement and configure the Ehcache library
- Manage events and exceptions using the Ehcache Events API
- Integrating Ehcache with Spring and Hibernate
- Distribute Ehcache using Web Services
- Cache local transactions with Ehcache

Approach

Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. This is a Packt How-to containing hands-on recipes that discuss integrating Ehcache into your Java application.

Who this book is written for

This book is aimed at Java developers who are looking for an Ehcache integration reference guide and want to get a good background in its fundamental core functionality. It is assumed that you have some experience with Java. Prior knowledge in Ehcache is not a requirement.

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Editorial Review

About the Author

Daniel Wind

Daniel Wind is a Software Architect from Costa Rica who is passionate about coding and implementing scientific paradigms to achieve innovative solutions. He has worked for companies helping them by providing architecture consultancy as well as software engineering, especially in the mobile space.

Daniel started as a physics geek who got into computer science at the very moment he saw his first C-based simulation program in action. He fell in love with it and became addicted. He then moved to business-oriented software where he applied actuarial mathematics and software engineering to provide data forecast models, neural networks, and system statistics. He is an advocate of the Java technology as the industry's "new Cobol", in the sense that Java Enterprise and the de-facto solutions available solve almost all business problems.

Daniel's spare time interests range from business software needs to 3D mobile games. The latter one is an interesting topic he's up to by using the Android SDK and Blackberry NDK. When he's not coding or writing, he loves traveling with his family, listening to Coldplay, or watching his longtime hero Bear Grylls.

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