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Java Reflection in Action (2004)

by Ira R. Forman , Nate Forman , Dr. John Vlissides Ibm , Ira R. Forman , Nate Forman

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Abstract

Java Reflection in Action is unique in presenting a clear account of all the cool things you can do with reflection, the same time providing the sound conceptual basis that developers need to create advanced applications. The book includes careful explanations of sometimes perplexing programming techniques along with enough background to understand how to extend and vary them. This book overcomes reflection's reputation as a mysterious and esoteric philosophical pursuit, or as a set of messy error-prone coding tricks. As reflection becomes increasingly common and useful in all sorts of applications, it is great to finally have a book that features disciplined yet still creative and fun software engineering practices based on reflection. Even occasional users will immediately adopt the book's patterns and idioms to solve common problems. Many of the examples can be directly adapted for customized solutions in diverse areas such as XML processing, automated software testing, and program analysis tools. Readers will also learn the underlying rationales for code performing introspection, proxies, class loading, and so on, that are often seen but often explained well in everyday Java programs. And even experts will find new ideas and well-thought out advice using some of the more subtle aspects of reflection. —Prof. Doug Lea, SUNY Oswego, author of Concurrent Programming in Java Java has brought reflection to the programming masses, but they're still struggling with it. The Formans turn struggle into adventure as they guide you through one compelling example after another, each one illustrating reflection's power while avoiding its pitfalls.

Keyphrases

[java reflection](#) [advanced application](#) [programming mass](#) [everyday java program](#) [diverse area](#) [doug lea](#) [customized solution](#) [messy error-prone coding trick](#) [xml processing](#) [subtle aspect](#) [careful explanation](#) [er](#) [background](#) [esoteric philosophical pursuit](#) [concurrent programming](#) [reflection power](#) [clear account](#) [pro](#) [underlying rationale](#) [new idea](#) [common problem](#) [cool thing](#) [sound conceptual basis](#) [class loading](#) [java j](#) [software engineering practice](#)

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Java reflection in action, as shown above, the smoothly mobile voice field declares a real gravitational paradox.

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