



The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering)

Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda

Download now

[Click here](#) if your download doesn't start automatically

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering)

Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda

“In the Java world, security is not viewed as an add-on a feature. It is a pervasive way of thinking. Those who forget to think in a secure mindset end up in trouble. But just because the facilities are there doesn’t mean that security is assured automatically. A set of standard practices has evolved over the years. *The Secure® Coding® Standard for Java™* is a compendium of these practices. These are not theoretical research papers or product marketing blurbs. This is all serious, mission-critical, battle-tested, enterprise-scale stuff.”

—James A. Gosling, Father of the Java Programming Language

An essential element of secure coding in the Java programming language is a well-documented and enforceable coding standard. Coding standards encourage programmers to follow a uniform set of rules determined by the requirements of the project and organization, rather than by the programmer’s familiarity or preference. Once established, these standards can be used as a metric to evaluate source code (using manual or automated processes).

The CERT® Oracle® Secure Coding Standard for Java™ provides rules designed to eliminate insecure coding practices that can lead to exploitable vulnerabilities. Application of the standard’s guidelines will lead to higher-quality systems—robust systems that are more resistant to attack. Such guidelines are required for the wide range of products coded in Java—for devices such as PCs, game players, mobile phones, home appliances, and automotive electronics.

After a high-level introduction to Java application security, seventeen consistently organized chapters detail specific rules for key areas of Java development. For each area, the authors present noncompliant examples and corresponding compliant solutions, show how to assess risk, and offer references for further information. Each rule is prioritized based on the severity of consequences, likelihood of introducing exploitable vulnerabilities, and cost of remediation.

The standard provides secure coding rules for the Java SE 6 Platform including the Java programming language and libraries, and also addresses new features of the Java SE 7 Platform. It describes language behaviors left to the discretion of JVM and compiler implementers, guides developers in the proper use of Java’s APIs and security architecture, and considers security concerns pertaining to standard extension APIs (from the javax package hierarchy). The standard covers security issues applicable to these libraries: lang, util, Collections, Concurrency Utilities, Logging, Management, Reflection, Regular Expressions, Zip, I/O, JMX, JNI, Math, Serialization, and JAXP.



[Download The CERT Oracle Secure Coding Standard for Java \(S ...pdf](#)



[Read Online The CERT Oracle Secure Coding Standard for Java ...pdf](#)

Download and Read Free Online The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda

From reader reviews:

Kenneth Wallace:

In other case, little people like to read book The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering). You can choose the best book if you like reading a book. So long as we know about how is important a book The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering). You can add knowledge and of course you can around the world by the book. Absolutely right, mainly because from book you can understand everything! From your country right up until foreign or abroad you will be known. About simple matter until wonderful thing it is possible to know that. In this era, we can open a book or even searching by internet device. It is called e-book. You should use it when you feel weary to go to the library. Let's read.

Raymond Bailey:

The book The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) can give more knowledge and information about everything you want. So just why must we leave the good thing like a book The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering)? A few of you have a different opinion about guide. But one aim this book can give many facts for us. It is absolutely appropriate. Right now, try to closer together with your book. Knowledge or details that you take for that, you can give for each other; you can share all of these. Book The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) has simple shape nevertheless, you know: it has great and massive function for you. You can search the enormous world by start and read a guide. So it is very wonderful.

Clara Gay:

In this 21st hundred years, people become competitive in every way. By being competitive now, people have do something to make them survives, being in the middle of often the crowded place and notice simply by surrounding. One thing that occasionally many people have underestimated the idea for a while is reading. Sure, by reading a e-book your ability to survive enhance then having chance to stand up than other is high. For you who want to start reading a book, we give you this kind of The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) book as nice and daily reading reserve. Why, because this book is usually more than just a book.

Donna Valdez:

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) can be one of your beginning books that are good idea. We all recommend that straight away because this publication has good vocabulary which could increase your knowledge in words, easy to understand, bit entertaining but still delivering the information. The article author giving his/her effort to put every word into joy arrangement in writing The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) but doesn't

forget the main place, giving the reader the hottest as well as based confirm resource facts that maybe you can be among it. This great information can drawn you into completely new stage of crucial contemplating.

Download and Read Online The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda #R7YQJ8OFPNT

Read The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda for online ebook

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda books to read online.

Online The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda ebook PDF download

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda Doc

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda Mobipocket

The CERT Oracle Secure Coding Standard for Java (SEI Series in Software Engineering) by Fred Long, Dhruv Mohindra, Robert Seacord, Dean F. Sutherland, David Svoboda EPub