

SEI CERT Oracle Coding Standard for Java

MAINTENANCE NOTICE

All planned maintenance on the Secure Coding wiki is complete. More information can be found [here](#).

The Java rules and recommendations in this wiki are a work in progress and reflect the current thinking of the secure coding community. Because this is a development website, many pages are incomplete or contain errors. As rules and recommendations mature, they are published in report or book form as official releases. These releases are issued as dictated by the needs and interests of the secure software development community.

Create a [sign-in account](#) if you want to comment on existing content. If you wish to be more involved and directly edit content on the site, you still need an account, but you'll also need to [request edit privileges](#).

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Secure Java Coding

Books

There are two books available that cover Java: one for rules and the other for guidelines.



The CERT Oracle Secure Coding Standard for Java provides rules for Java Platform

Standard Edition 6 and Java SE 7.



Java Coding Guidelines: 75 Recommendations for Reliable

and Secure Programs provides guidelines, recommendations, and examples to enable the creation of reliable, robust, fast, maintainable, and secure code.

- Rule AA. References
- Rule BB. Glossary
- Rule or Rec. CC. Analyzers
- Rule or Rec. DD. Related Guidelines
- Rule or Rec. EE. Risk Assessments

Source Code Analysis

Laboratory (SCALe)

SCALe offers conformance testing of Java language software systems against the CERT Oracle Secure Coding Standard for Java.

Contact Us

Contact us if you

- have questions about the Secure Coding wiki
- have recommendations for standards in development
- want to request privileges to participate in standards development

Thank You!

We acknowledge the contributions of the following folks, and we look forward to seeing your name here as well.

Rules vs. Recommendations

This coding standard consists of *rules* and *recommendations*, collectively referred to as *guidelines*. Rules are meant to provide normative requirements for code, whereas recommendations are meant to provide guidance that, when followed, should improve the safety, reliability, and security of software systems. [Learn more](#) about the differences.

Linking to Our Pages

Link to guidelines using the **Tiny Link** under ToolsLink to this Page... (This URL will not change if the name of the guideline changes.)

Information for Editors

- To eliminate a section from the lists above, label it *section* and *void*.
- To have a section listed as a recommendation, label it *section* and *recommendation*.
- To have a section listed as a rule, label it *section* and *rule*.