### Rules

- Rule 00. Input Validation and Data Sanitization (IDS)
- Rule 01. Declarations and Initialization (DCL)
- Rule 02. Expressions (EXP)
- Rule 03. Numeric Types and Operations (NUM)
- Rule 04. Characters and Strings (STR)
- Rule 05. Object Orientation (OBJ)
- Rule 06. Methods (MET)
- Rule 07. Exceptional Behavior (ERR)
- Rule 09. Locking (LCK)
- Rule 11. Thread Pools (TPS)
- Rule 12. Thread-Safety Miscellaneous (TSM)
- Rule 13. Input Output (FIO)
- Rule 15. Platform Security (SEC)
- Rule 16. Runtime Environment (ENV)
- Rule 17. Java Native Interface (JNI)
- Rule 49. Miscellaneous (MSC)
- Rule 50. Android (DRD)

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

### Recommendations

- Rec. 00. Input Validation and Data Sanitization (IDS)
- Rec. 01. Declarations and Initialization (DCL)
- Rec. 02. Expressions (EXP)
- Rec. 03. Numeric Types and Operations (NUM)
- Rec. 04. Characters and Strings (STR)
- Rec. 05. Object Orientation (OBJ)
- Rec. 06. Methods (MET)
- Rec. 07. Exceptional Behavior (ERR)
- Rec. 13. Input Output (FIO)
- Rec. 15. Platform Security (SEC)
- Rec. 18. Concurrency (CON)
- Rec. 49. Miscellaneous (MSC)
- Rec. AA. References
- Rec. BB. Definitions
- Rule or Rec. CC. Analyzers
- Rule or Rec. DD. Related Guidelines
- Rule or Rec. EE. Risk Assessments

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### Secure Java Coding Books

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

- 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.

### 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.