SEI CERT Coding Standards

Comments and Contributing
We provide access to the community members to contribute after subject matter expertise is verified. If you want to provide a suggestion or comment and do not have an account, please submit feedback. If you have an account but are having problems with access, also please submit a support request. Accounts are regularly deactivated after extended periods of inactivity.

Welcome
This site supports the development of coding standards for commonly used programming languages such as C, C++, Java, and Perl, and the Android™ platform. These standards are developed through a broad-based community effort by members of the software development and software security communities.

For more information about this project and to see tips on how to contribute, please see the Development Guidelines.

Downloads
The SEI CERT C Coding Standard, 2016 Edition (errata)
The SEI CERT C++ Coding Standard, 2016 Edition (errata)

Standards Development Area
The following development areas enable you to learn about and contribute to secure coding standards for commonly used programming languages C, C++, Java, and Perl. Contact us to comment on existing items, submit recommendations, or request privileges to directly edit content on this site.

News
April 2020: Open Dataset RC_Data for Classifier Research

December 2018: Lori Flynn and Ebonie McNeil authored the SEI Blog post "SCALe v. 3: Automated Classification and Advanced Prioritization of Static Analysis Alerts".

November 2018: Lori Flynn presented a webinar "Improve Your Static Analysis Audits Using CERT SCALe’s New Features".


September 2018: The CERT manifest files are now available for use by static analysis tool developers to test their coverage of (some of the) CERT Secure Coding Rules for C, using many of 61,387 test cases in the Juliet test suite v1.2.

August 2018: SCALe has been released open-source as a new project on GitHub. This is the first time that SCALe has been released to the public. This initial release is SCALe 2.1.4.0.
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