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.

The C++ 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.

The CERT C++ Coding Standard does not currently expose any recommendations; all C++ recommendations have been removed (moved to The Void section) due to quality concerns pending further review and development.

If you wish to be more involved and directly edit content on the site, you still need to request an account and edit privileges.

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- Introduction

Rules

- Rule 01. Declarations and Initialization (DCL)
- Rule 02. Expressions (EXP)
- Rule 03. Integers (INT)
- Rule 04. Containers (CTR)
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Back Matter

- AA. Bibliography
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- CC. Analyzers
- DD. Related Guidelines
- EE. Risk Assessments
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.