





C++ Core Guidelines

- **Pro.bounds: Bounds safety profile**
  - **Bounds.4:** Don't use standard-library functions and types that are not bounds-checked: Use the standard library in a type-safe manner.

# Lesson 3: Avoid bugs

- **Reason** Read or write beyond an allocated range of elements typically leads to bad errors, wrong results, crashes, and security violations.

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- **Pro.bounds: Bounds safety profile**

- **Bounds.4:** Don't use standard-library functions and types that are not bounds-checked: Use the standard library in a type-safe manner.

- **SL.con.3: Avoid bounds errors**

- **Reason** Read or write beyond an allocated range of elements typically leads to bad errors, wrong results, crashes, and security violations.



Has anyone read the  
C++ Core Guidelines?