



ABAP

Apex

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0 C++

CloudFormation

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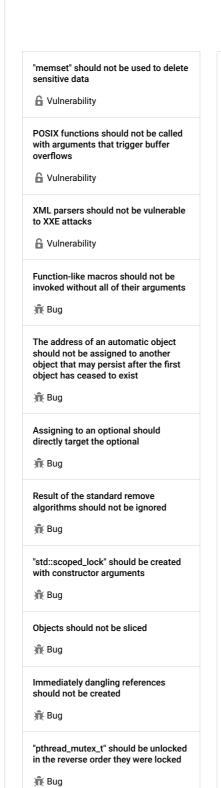


C++ static code analysis

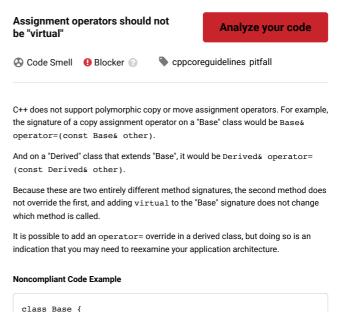
Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your C++ code

⊗ Code O Quick 68 Fix ΑII 578 Security 18 436 6 Vulnerability (13) **R** Bug (111) rules Hotspot Smell

Tags



"pthread_mutex_t" should be properly



Search by name.

```
class Base {
public:
 virtual Base& operator=(const Base& other); // Noncompliant
class Derived : public Base {
public:
 Derived& operator=(const Derived& other);
```

Compliant Solution

```
class Base {
protected:
  Base& operator=(const Base& other); // not virtual
class Derived : public Base {
public:
 Derived& operator=(const Derived& other);
};
```

- C++ Core Guidelines C.60 Make copy assignment non-virtual, take the parameter by const&, and return by non-const&
- C++ Core Guidelines C.63 Make move assignment non-virtual, take the parameter by &&, and return by non-const &

Available In:

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initialized and destroyed

👬 Bug

"pthread_mutex_t" should not be consecutively locked or unlocked twice

👬 Bug

"std::move" and "std::forward" should not be confused

🕕 Bug

A call to "wait()" on a "std::condition_variable" should have a

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