C++ static code analysis: Control flow statements "if", "for", "while", "switch" and "try" should not be nested too deeply

2 minutes

Nested if, for, do, while, switch and try statements is a key ingredient for making what's known as "Spaghetti code".

Such code is hard to read, refactor and therefore maintain.

Noncompliant Code Example

With the default threshold of 3:

```
return;
}
}
}
```

Exceptions

Each use of a macro containing control flow statements is counted as one nesting level, even if the macro contains more than one control flow statement.