

Filters

Clear All Filters

Display Mode

Issues

Effort

Type

Bug6.7k

Vulnerability11k

Code Smell205k

Severity

Blocker2.1k

Critical43k

Major178k

Resolution

Unresolved223k

Fixed412

Bulk Change

11to select issues

←→to navigate

6 / 223,231 issues

jdk / src/demo/share/applets/ArcTest/ArcTest.java

1 duplicated blocks of code must be removed.***

Code Smell

Major

Open

Not assigned

20min effort

Comment

2 years ago

pitfall

Extract the assignment out of this expression.***

Bug

Major

Open

Not assigned

5min effort

Comment

2 years ago

L63

cwe, misra

Remove this call to "exit" or ensure it is really required.***

Code Smell

Blocker

Open

Not assigned

30min effort

Comment

2 years ago

L85

cwe, suspicious

"font" is the name of a field in "Component".***

Code Smell

Blocker

Open

Not assigned

5min effort

Comment

2 years ago

L117

confusing

Extract the assignment out of this expression.***

Bug

Major

Open

Not assigned

5min effort

Comment

2 years ago

L174

cwe, misra

Extract the assignment out of this expression.***

Bug

Major

Open

Not assigned

5min effort

Comment

2 years ago

L175

cwe, misra

Assignments should not be made from within sub-expressions

Code Smell

Major

cert, cwe, misra, suspicious

Available Since August 30, 2013

Constant/issue: 5min

squid:AssignmentInSubExpressionCheck

Assignments within sub-expressions are hard to spot and therefore make the code less readable. Ideally, sub-expressions should not have side-effects.

Noncompliant Code Example

```
if ((str = cont.substring(pos1, pos2)).isEmpty()) { // Noncompliant
    //...
```

Compliant Solution

```
str = cont.substring(pos1, pos2);
if (str.isEmpty()) {
    //...
```

Exceptions

Assignments in `while` statement conditions, and assignments enclosed in relational expressions are ignored.

```
BufferedReader br = new BufferedReader(/* ... */);
String line;
while ((line = br.readLine()) != null) {...}
```

Chained assignments, including compound assignments, are ignored.

```
int i = j = 0;
int k = (j += 1);
result = (bresult = new byte[1en]);
```

See

- MISRA C:2004, 13.1 - Assignment operators shall not be used in expressions that yield a Boolean value
- MISRA C++:2008, 6-2-1 - Assignment operators shall not be used in sub-expressions
- MISRA C:2012, 13.4 - The result of an assignment operator should not be used
- MITRE, CWE-481 - Assigning instead of Comparing
- CERT, EXP45-C. - Do not perform assignments in selection statements
- CERT, EXP51-J. - Do not perform assignments in conditional expressions
- CERT, EXP19-CPP. - Do not perform assignments in conditional expressions

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205k

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2.1k

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122k

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43k

Info

3.2k

Major

178k

▼ Resolution

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223k

Fixed

412

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