# Dead Code: Expression is Always True Development Mitigation SOP

The expression (or part of it) will always evaluate to true.

## Defense Against Dead Code: Expression is Always True

This expression (or part of it) will always evaluate to true; the program could be rewritten in a simpler form. The nearby code may be present for debugging purposes, or it may not have been maintained along with the rest of the program. The expression may also be indicative of a bug earlier in the method.

## Example

## if (skippedPackageNames != null) {

## for (String packageName : skippedPackageNamesList) {

## if (traceString.startsWith(packageName)) {

## toSkip = true;

## break;

## }

## }

}

## Explanation

The expression (or part of it) will always evaluate to true.

## Recommendations

In general, you should repair or remove unused code. It causes additional complexity and maintenance burden without contributing to the functionality of the program.

## References

1. Standards Mapping - Common Weakness Enumeration - (CWE), CWE ID 571
2. Standards Mapping - Security Technical Implementation Guide Version 3.1 - (STIG 3.1), APP3050 CAT II
3. Standards Mapping - Security Technical Implementation Guide Version 3.4 - (STIG 3.4), APP3050 CAT II