# CWE Detail – CWE-1041

## Description

The product has multiple functions, methods, procedures, macros, etc. that
 contain the same code.

## Extended Description

This issue makes it more difficult to maintain the product, which indirectly affects security by making it more difficult or time-consuming to find and/or fix vulnerabilities. For example, if there are two copies of the same code, the programmer might fix a weakness in one copy while forgetting to fix the same weakness in another copy.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Common Consequences

**•** Impact: Reduce Maintainability — Notes:

## Potential Mitigations

**•** Implementation: Merge common functionality into a single function and then call that function from across the entire code base. (Effectiveness: N/A)

## Applicable Platforms

**•** None (Class: Not Language-Specific, Prevalence: Undetermined)

## Demonstrative Examples

**•** It is recommended to place the complex math into its own function and then call that function whenever necessary.