# CWE Detail – CWE-586

## Description

The product makes an explicit call to the finalize() method from outside the finalizer.

## Extended Description

While the Java Language Specification allows an object's finalize() method to be called from outside the finalizer, doing so is usually a bad idea. For example, calling finalize() explicitly means that finalize() will be called more than once: the first time will be the explicit call and the last time will be the call that is made after the object is garbage collected.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Modes of Introduction

**•** Implementation: N/A

## Common Consequences

**•** Impact: Unexpected State, Quality Degradation — Notes:

## Potential Mitigations

**•** Implementation: Do not make explicit calls to finalize(). Use static analysis tools to spot such instances. (Effectiveness: N/A)

## Applicable Platforms

**•** Java (Class: None, Prevalence: Undetermined)

## Demonstrative Examples

**•** N/A