



MSAT Interface

Project: Alpha

Name (Bug title)	Tool	Type	Fix Location	Assignee
FI_EMPTY		FI	12.4 EditList.java	Varma
EQ_CHECK		EQ	6.3 LoopHelper.java	Max
CO_SELF		CO	11.2 StringComparer.java	
XSS_REQUEST		XSS	5.4 HttpSender.java	John
DMI_EMPTY		DM	3.3 DatabaseHelper.java	Elina

Bug Description

FI: Empty finalizer should be deleted (FI_EMPTY)

Empty **finalize()** methods are useless, so they should be deleted.

[Fix Now](#) [Know More](#)

Filters

Tool

- ☒ toolLong
- ☒ toolShort

Bugs

- ☐ My Bugs
- ☒ All Bugs

Vulnerability Type

- ☐ SQL Injection
- ☐ XSS

MSAT Interface

Project: Alpha - Selected Bug Description

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A computer uses several types of hardware resources, and those are physically limited by nature. Therefore, we have to use those resources wisely. In Java, unlike in older programming languages like C++, memory is automatically managed by the garbage collector; however, there are other resources, usually "IO resources", that we need to manage by ourselves.

S. No.	Commit ID	Time Stamp	toolLong	toolShort	Revert
1	fcd121	17-07-2019 09:56	0 1	0 2	
2	efd008	17-07-2019 14:09	0 1	1 1	
3	vcs113	19-07-2019 10:23	2 0	2 1	

[Back](#)

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MSAT Interface

Project: Alpha - (file_path)/12.4 EditList.java

```

1 // *****
2 // Alpha Project
3 // author @savyama
4 // *****
5
6 public class EditList
7 {
8     ...
9
10    public void popup()
11    {
12        size = size - 1;
13    }
14
15    finalizer(): 😊
16    ...
17
18 }

```

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[Fixed](#)

[Know More](#)

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Bug Description

EQ: Equals checks for incompatible operand (EQ_CHECK)

This equals method is checking to see if the argument is some incompatible type (i.e., a class that is neither a supertype nor subtype of the class that defines the equals method).

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