

Claws Mail v3.11 email client
<http://sourceforge.net/projects/claws-mail/>

Claws Mail is a GTK+ based lightweight and fast e-mail client and newsreader. Supports POP3, APOP, IMAP, SMTP, SMTP AUTH, NNTP, LDAP, multiple accounts, spell-checking, address book, SSL, GPG, filtering, i18n, & more. It is further extended by plug-in.

Tools Used: Cppcheck and Coverity

SLOC: 203526

CppCheck Results Summary

#	Severity	Types & number of problems reported
1	Error	Total = 23 Error ID: "nullPointer" - 7 Error ID: "doubleFree" - 2 Error ID: "memleakOnRealloc" - 2 Error ID: "resourceLeak" - 2 Error ID: "memleak" - 5 Error ID: "uninitvar" - 1 Error ID: "arrayIndexOutOfBounds" - 1 Error ID: "useClosedFile" Error ID: "bufferAccessOutOfBounds" - 1 Error ID: "va_end_missing" - 1
2	Warning	Total = 91
3	Style warnings stylistic issues related to code cleanup (unused functions, redundant code, constness, and such)	Total = 1021
4	Performance Suggestions for making the code faster.	Total = 46
5	Portability warning	Total = 30
6	Information messages	Total = 956

Coverity Results Summary:

#	Severity	Types & number of problems reported
1	Medium	Wrong size of argument -1
2	Low	Unused value = 5
3	High	Uninitialized scalar variable = 10
4	Medium	Unchecked return value from library =10
5	Medium	Unchecked return value = 20
6	Medium	Time of check time of use = 6
7	Medium	Structurally dead code
8	High	String not null terminated
9	Medium	Result not floating point
10	High	Resource leak = 10
11	Medium	Logically dead code = 10
12	Medium	Infinite loop