



## SOFTWARE SECURITY REPORT

Application: javierwailau/Actividad3\_Testing

Analysis label: no label

Analysis date: 2017/09/04 02:08

Report date: 2017/09/04 02:12



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## APPLICATION & ANALYSIS INFORMATION

Kiuwan've analyzed for you a set of source files that is called application. In order to put in context this analysis and your results, kiuwan is going to give you some statistics:

### Analysis Info

label	no label
date	2017/09/04 02:08
ordered by	javierwailau
encoding	UTF-8
analyzed path	archive.zip
languages found	c++
analyzed files	1
unparsed files	0
unrecognized files	-

### Application Info

name	javierwailau/Actividad3_Testing
Business value	critical
Times analyzed	1

### Model Info

model name	CQM
model version	v1.2.10
engine version	-
active rules	168
active metrics	128

### Notes:

- unparsed files are the source code files of your application that kiuwan engine couldn't read during the analysis process.



## EXECUTIVE SUMMARY

Security Rating indicates the grade of security of your application or file.

It is not a average, but rather the most demanding of values, since if any part of your application is vulnerable, the whole application is at risk.

Ex: if one of the files is valued with 1 star, your whole application will receive 1 star as well.

Security Rating



Vulnerabilities

50 HIGH	0 VERY HIGH
35 LOW	0 NORMAL

Effort

8 h

to reach



5 h

to reach



5 h

to reach



0 h

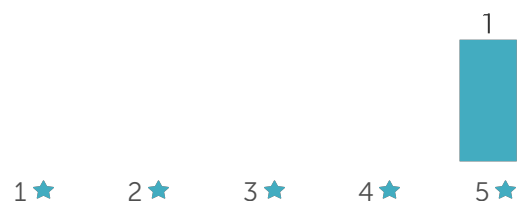
to reach





## DISTRIBUTION IN FILES

By rating



By # vulnerabilities



### Top 10 worst files

#### File

actividad.cpp

#### Security Rating



#### Vulnerabilities

85

#### Priority Distribution



#### Effort

8h 30



# VULNERABILITIES

## Top 10 vulnerabilities by type

### Vulnerability type

Pointer and reference handling  
Number handling

### Vulnerabilities

50  
35

### Priority Distribution



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REPORT

## Vulnerabilities

Files	Defects	Rule name	Priority	CWE	Characteristic	Vulnerability type	Language	Effort
1	50	Use of Uninitialized Variable		457	Security	Pointer and reference handling	cpp	5h
1	35	Use bitwise operators only on unsigned operands		682	Security	Number handling	cpp	3h 30



# THANK YOU!

## About us

Kiuwan is a SaaS Software Analytics platform specialized in security, quality assurance and application inventory management products.

Kiuwan provides end-to-end Software Analytics to bring you objective data so you can make informed decisions regarding the cost, effort, activity, quality, security, maintainability, efficiency and dependencies of your applications. Kiuwan makes tough decisions easier and this translates in cost reduction, risk mitigation, objective measurement, software technical security certifications and outsourcing agreement management, to name but a few of the possibilities brought about by Kiuwan.

Kiuwan supports multiple application technologies, covering over 20 programming languages. Kiuwan proves to be of key importance when companies industrialize the Software Development Life Cycle, when they want to secure their applications from cyber threats, going as far as covering SLA compliance all within the most relevant IT frameworks and standards.

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