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**Java 11 Application**  
**v. 1.0-SNAPSHOT**  
**Project Documentation**



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# 1 Checkstyle

## 1.1 Checkstyle Results

The following document contains the results of [Checkstyle 8.29](#) with checkstyle.xml ruleset.

## 1.2 Summary

Files	Info	Warnings	Errors
3	0	41	0

## 1.3 Files

File	I	W	E
<a href="#">areas/app/Principal.java</a>	0	12	0
<a href="#">areas/milibreria/ Areas.java</a>	0	15	0
<a href="#">areas/milibreria/ InterfazUsuario.java</a>	0	14	0

## 1.4 Rules

Category	Rule	Violations	Severity
imports	<a href="#">AvoidStarImport</a>	1	Warning
indentation	<a href="#">Indentation</a> <ul style="list-style-type: none"><li>throwsIndent: "4"</li><li>arrayInitIndent: "2"</li><li>caseIndent: "2"</li><li>basicOffset: "2"</li><li>braceAdjustment: "0"</li><li>lineWrappingIndentatio "4"</li></ul>	35	Warning

javadoc	MissingJavadocMethod	2	Warning
<ul style="list-style-type: none"><li>• scope: "public"</li><li>• tokens: "METHOD_DEF, CTOR_DEF, ANNOTATION_FIELD"</li><li>• minLineCount: "2"</li><li>• allowedAnnotations: "Override, Test"</li></ul>			
whitespace	EmptyLineSeparator	3	Warning
<ul style="list-style-type: none"><li>• allowNoEmptyLineBetweenImports: "true"</li><li>• tokens: "PACKAGE_DEF, IMPORT, STATIC_IMPORT, CLASS_DEF, INTERFACE_DEF, ENUM_DEF, STATIC_INIT, INSTANCE_INIT, METHOD_DEF, CTOR_DEF, VARIABLE_DEF"</li></ul>			

1.5 Details

1.5.1 areas/app/Principal.java

Severity	Category	Rule	Message	Line
Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous statement.	26
Warning	imports	AvoidStarImport	Using the '*.*' form of import should be avoided - milibreria.*.	31
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	34
Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	34

Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	35
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	36
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	37
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	38
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	39
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	40
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	41
Warning	indentation	Indentation	'method def rcurlly' has incorrect indentation level 4, expected level should be 2.	42

### 1.5.2 areas/milibreria/Areas.java

Severity	Category	Rule	Message	Line
Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous statement.	26

Warning	indentation	Indentation	'ctor def modifier' has incorrect indentation level 4, expected level should be 2.	29
Warning	indentation	Indentation	'ctor def rcurly' has incorrect indentation level 4, expected level should be 2.	30
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	32
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	33
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	34
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	36
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	37
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	38
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	40
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	41
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	42



Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	44
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	45
Warning	indentation	Indentation	'method def rcurl' has incorrect indentation level 4, expected level should be 2.	46

### 1.5.3 areas/milibreria/InterfazUsuario.java

Severity	Category	Rule	Message	Line
Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous statement.	26
Warning	indentation	Indentation	'member def modifier' has incorrect indentation level 4, expected level should be 2.	31
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	33
Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	33
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	34
Warning	indentation	Indentation	'do..while' has incorrect indentation level 8, expected level should be 4.	35
Warning	indentation	Indentation	'do..while' child has incorrect indentation level 12, expected level should be 6.	36
Warning	indentation	Indentation	'do..while' child has incorrect indentation level 12, expected level should be 6.	37

Warning	indentation	Indentation	'do..while rcurly' has incorrect indentation level 8, expected level should be 4.	38
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	39
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	40
Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	42
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	43
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	44

## 2 Dependencies

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### 2.1 Project Dependencies

#### 2.1.1 test

The following is a list of test dependencies for this project. These dependencies are only required to compile and run unit tests for the application:

GroupId	ArtifactId	Version	Type	Licenses
org.assertj	assertj-core	3.15.0	jar	Apache License, Version 2.0
org.junit.jupiter	junit-jupiter	5.6.0	jar	Eclipse Public License v2.0
org.mockito	mockito-core	3.3.0	jar	The MIT License

### 2.2 Project Transitive Dependencies

The following is a list of transitive dependencies for this project. Transitive dependencies are the dependencies of the project dependencies.

#### 2.2.1 test

The following is a list of test dependencies for this project. These dependencies are only required to compile and run unit tests for the application:

GroupId	ArtifactId	Version	Type	Licenses
net.bytebuddy	byte-buddy	1.10.5	jar	Apache License, Version 2.0
net.bytebuddy	byte-buddy-agent	1.10.5	jar	Apache License, Version 2.0
org.apiguardian	apiguardian-api	1.1.0	jar	The Apache License, Version 2.0
org.junit.jupiter	junit-jupiter-api	5.6.0	jar	Eclipse Public License v2.0
org.junit.jupiter	junit-jupiter-engine	5.6.0	jar	Eclipse Public License v2.0
org.junit.jupiter	junit-jupiter-params	5.6.0	jar	Eclipse Public License v2.0
org.junit.platform	junit-platform-commons	1.6.0	jar	Eclipse Public License v2.0

org.junit.platform	junit-platform-engine	1.6.0	jar	Eclipse Public License v2.0
org.objenesis	objenesis	2.6	jar	Apache 2
org.opentest4j	opentest4j	1.2.0	jar	The Apache License, Version 2.0

## 2.3 Project Dependency Graph

### 2.3.1 Dependency Tree

- areas:proyecto\_areas:jar:1.0-SNAPSHOT

#### Java 11 Application

**Description:** There is currently no description associated with this project.

**Project Licenses:** No licenses are defined for this project.

- org.junit.jupiter:junit-jupiter:jar:5.6.0 (test)

#### JUnit Jupiter (Aggregator)

**Description:** Module "junit-jupiter" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** Eclipse Public License v2.0

- org.junit.jupiter:junit-jupiter-api:jar:5.6.0 (test)

#### JUnit Jupiter API

**Description:** Module "junit-jupiter-api" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** Eclipse Public License v2.0

- org.apiguardian:apiguardian-api:jar:1.1.0 (test)

org.apiguardian:apiguardian-api

**Description:** @API Guardian

**URL:** <https://github.com/apiguardian-team/apiguardian>

**Project Licenses:** The Apache License, Version 2.0

- org.opentest4j:opentest4j:jar:1.2.0 (test)

#### org.opentest4j:opentest4j

**Description:** Open Test Alliance for the JVM

**URL:** <https://github.com/ota4j-team/opentest4j>

**Project Licenses:** The Apache License, Version 2.0

- org.junit.platform:junit-platform-commons:jar:1.6.0 (test)

#### JUnit Platform Commons

**Description:** Module "junit-platform-commons" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** Eclipse Public License v2.0

- org.junit.jupiter:junit-jupiter-params:jar:5.6.0 (test)

#### JUnit Jupiter Params

**Description:** Module "junit-jupiter-params" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** Eclipse Public License v2.0

- org.junit.jupiter:junit-jupiter-engine:jar:5.6.0 (test)

#### JUnit Jupiter Engine

**Description:** Module "junit-jupiter-engine" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** Eclipse Public License v2.0

- org.junit.platform:junit-platform-engine:jar:1.6.0 (test)

#### JUnit Platform Engine API

**Description:** Module "junit-platform-engine" of JUnit 5.

**URL:** <https://junit.org/junit5/>

**Project Licenses:** [Eclipse Public License v2.0](#)

- org.assertj:assertj-core:jar:3.15.0 (test)

#### AssertJ fluent assertions

**Description:** Rich and fluent assertions for testing for Java

**URL:** <http://assertj.org/assertj-core>

**Project Licenses:** [Apache License, Version 2.0](#)

- org.mockito:mockito-core:jar:3.3.0 (test)

#### mockito-core

**Description:** Mockito mock objects library core API and implementation

**URL:** <https://github.com/mockito/mockito>

**Project Licenses:** [The MIT License](#)

- net.bytebuddy:byte-buddy:jar:1.10.5 (test)

#### Byte Buddy (without dependencies)

**Description:** Byte Buddy is a Java library for creating Java classes at run time. This artifact is a build of Byte Buddy with all ASM dependencies repackaged into its own name space.

**URL:** <https://bytebuddy.net/byte-buddy>

**Project Licenses:** [Apache License, Version 2.0](#)

- net.bytebuddy:byte-buddy-agent:jar:1.10.5 (test)

#### Byte Buddy agent

**Description:** The Byte Buddy agent offers convenience for attaching an agent to the local or a remote VM.

**URL:** <https://bytebuddy.net/byte-buddy-agent>

**Project Licenses:** [Apache License, Version 2.0](#)

- org.objenesis:objenesis:jar:2.6 (test)

#### Objenesis

**Description:** A library for instantiating Java objects

**URL:** <http://objenesis.org>

**Project Licenses:** [Apache 2](#)

## 2.4 Licenses

**Apache 2:** Objenesis

**Unknown:** Java 11 Application

**The Apache License, Version 2.0:** org.apiguardian:apiguardian-api, org.opentest4j:opentest4j

**The MIT License:** mockito-core

**Eclipse Public License v2.0:** JUnit Jupiter (Aggregator), JUnit Jupiter API, JUnit Jupiter Engine, JUnit Jupiter Params, JUnit Platform Commons, JUnit Platform Engine API

**Apache License, Version 2.0:** AssertJ fluent assertions, Byte Buddy (without dependencies), Byte Buddy agent

## 2.5 Dependency File Details

Filename	Size	Entries	Classes	Packages	Java Version	Debug Information
byte-buddy-1.10.5.jar	3.3 MB	2415	2360	37	-	Yes
byte-buddy-agent-1.10.5.jar	258.4 kB	80	62	2	-	Yes
apiguardian-api-1.1.0.jar	2.4 kB	8	3	2	-	Yes
assertj-core-3.15.0.jar	4.5 MB	3119	3032	61	-	Yes
junit-jupiter-5.6.0.jar	6.4 kB	5	1	1	-	No
junit-jupiter-api-5.6.0.jar	154 kB	150	135	8	-	Yes
junit-jupiter-engine-5.6.0.jar	209.4 kB	130	113	9	-	Yes
junit-jupiter-params-5.6.0.jar	562.3 kB	370	336	22	-	Yes
junit-platform-commons-1.6.0	96.6 kB	61	41	7	-	Yes
junit-platform-engine-1.6.0.jar	174.1 kB	139	123	9	-	Yes
mockito-core-3.3.0.jar	592.5 kB	636	563	65	1.8	Yes

objenesis-2.6.jar	55.7 kB	59	43	10	1.6	Yes
opentest4j-1.2.0.jar	7.7 kB	11	7	2	-	Yes
Total	Size	Entries	Classes	Packages	Java Version	Debug Information
13	10 MB	7183	6819	235	1.8	12
test: 13	test: 10 MB	test: 7183	test: 6819	test: 235	-	test: 12



## 3 Dependency Information

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### 3.1 Dependency Information

#### 3.1.1 Apache Maven

```
<dependency>
  <groupId>areas</groupId>
  <artifactId>proyecto_areas</artifactId>
  <version>1.0-SNAPSHOT</version>
</dependency>
```

#### 3.1.2 Apache Buildr

```
'areas:proyecto_areas:jar:1.0-SNAPSHOT'
```

#### 3.1.3 Apache Ivy

```
<dependency org="areas" name="proyecto_areas" rev="1.0-SNAPSHOT">
  <artifact name="proyecto_areas" type="jar" />
</dependency>
```

#### 3.1.4 Groovy Grape

```
@Grapes(
  @Grab(group='areas', module='proyecto_areas', version='1.0-SNAPSHOT')
)
```

#### 3.1.5 Gradle/Grails

```
compile 'areas:proyecto_areas:1.0-SNAPSHOT'
```

#### 3.1.6 Scala SBT

```
libraryDependencies += "areas" % "proyecto_areas" % "1.0-SNAPSHOT"
```

### 3.1.7 Leiningen

```
[areas/proyecto_areas "1.0-SNAPSHOT"]
```

## 4 About

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### 4.1 About Java 11 Application

There is currently no description associated with this project.

# 5 Plugin Management

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## 5.1 Project Plugin Management

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-antrun-plugin	3.1.0
org.apache.maven.plugins	maven-assembly-plugin	3.7.1
org.apache.maven.plugins	maven-clean-plugin	3.1.0
org.apache.maven.plugins	maven-compiler-plugin	3.8.0
org.apache.maven.plugins	maven-dependency-plugin	3.7.0
org.apache.maven.plugins	maven-deploy-plugin	2.8.2
org.apache.maven.plugins	maven-install-plugin	2.5.2
org.apache.maven.plugins	maven-jar-plugin	3.0.2
org.apache.maven.plugins	maven-project-info-reports-plugin	3.0.0
org.apache.maven.plugins	maven-release-plugin	3.0.1
org.apache.maven.plugins	maven-resources-plugin	3.0.2
org.apache.maven.plugins	maven-site-plugin	3.7.1
org.apache.maven.plugins	maven-surefire-plugin	2.22.0

## 6 Plugins

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### 6.1 Project Build Plugins

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-checkstyle-plugin	3.1.1
org.apache.maven.plugins	maven-clean-plugin	3.1.0
org.apache.maven.plugins	maven-compiler-plugin	3.8.0
org.apache.maven.plugins	maven-deploy-plugin	2.8.2
org.apache.maven.plugins	maven-failsafe-plugin	2.22.0
org.apache.maven.plugins	maven-install-plugin	2.5.2
org.apache.maven.plugins	maven-jar-plugin	3.0.2
org.apache.maven.plugins	maven-pdf-plugin	1.6.1
org.apache.maven.plugins	maven-resources-plugin	3.0.2
org.apache.maven.plugins	maven-site-plugin	3.7.1
org.apache.maven.plugins	maven-surefire-plugin	2.22.0
org.codehaus.mojo	license-maven-plugin	2.0.0

### 6.2 Project Report Plugins

GroupId	ArtifactId	Version
org.apache.maven.plugins	maven-checkstyle-plugin	3.1.1
org.apache.maven.plugins	maven-project-info-reports-plugin	3.0.0

## 7 Summary

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### 7.1 Project Summary

#### 7.1.1 Project Information

Field	Value
Name	Java 11 Application
Description	-
Homepage	-

#### 7.1.2 Project Organization

Field	Value
Name	Organization Name
URL	-

#### 7.1.3 Build Information

Field	Value
GroupId	areas
ArtifactId	proyecto_areas
Version	1.0-SNAPSHOT
Type	jar
Java Version	11