







Checkstyle Results

The following document contains the results of [Checkstyle](#) 10.3.3 with C:\Users\joaos\Documents\GitHub\jpass\rulesets/checkstyle-rules.xml ruleset.

Summary

Files			
	Info	Warnings	Errors
38	0	129	0

Files

File			
	I	W	E
jpass/JPass.java	0	3	0
jpass/crypt/Aes256.java	0	14	0
jpass/crypt/Cbc.java	0	18	0
jpass/crypt/DecryptException.java	0	1	0
jpass/crypt/io/CryptInputStream.java	0	9	0
jpass/crypt/io/CryptOutputStream.java	0	3	0
jpass/data/DataModel.java	0	1	0
jpass/data/EntriesRepository.java	0	2	0
jpass/ui/CopiablePasswordField.java	0	1	0
jpass/ui/EntryDetailsTable.java	0	3	0
jpass/ui/EntryDialog.java	0	3	0
jpass/ui/GeneratePasswordDialog.java	0	2	0
jpass/ui/JPassFrame.java	0	3	0
jpass/ui/MessageDialog.java	0	4	0
jpass/ui/SearchPanel.java	0	1	0
jpass/ui/StatusPanel.java	0	3	0
jpass/ui/SvgImageIcon.java	0	6	0
jpass/ui/TextComponentFactory.java	0	1	0
jpass/ui/action/AbstractMenuAction.java	0	1	0
jpass/ui/action/CloseListener.java	0	1	0
jpass/ui/action/MenuActionType.java	0	3	0
jpass/ui/action/TableListener.java	0	1	0
jpass/ui/action/TextComponentAction.java	0	3	0
jpass/ui/action/TextComponentActionType.java	0	5	0
jpass/ui/action/TextComponentPopupListener.java	0	2	0
jpass/ui/action/Worker.java	0	1	0
jpass/ui/helper/EntryHelper.java	0	1	0
jpass/ui/helper/FileHelper.java	0	4	0
jpass/util/ClipboardUtils.java	0	1	0
jpass/util/Configuration.java	0	3	0
jpass/util/CryptUtils.java	0	3	0

jpass/util/DateUtils.java	0	4	0
jpass/util/SpringUtilities.java	0	3	0
jpass/util/StringUtils.java	0	3	0
jpass/xml/bind/Entries.java	0	6	0
jpass/xml/bind/Entry.java	0	4	0
jpass/xml/converter/XmlConverter.java	0	2	0

Rules

Category	Rule	Violations	Severity
coding	OverloadMethodsDeclarationOrder	2	 Warning
	VariableDeclarationUsageDistance	4	 Warning
javadoc	JavadocParagraph	10	 Warning
	MissingJavadocMethod	17	 Warning
	MissingJavadocType	2	 Warning
	SummaryJavadoc	16	 Warning
misc	AvoidEscapedUnicodeCharacters	4	 Warning
	AbbreviationAsWordInName	9	 Warning
	MemberName	23	

- **format:** `"^[a-z][a-z0-9][a-zA-Z0-9]*$"`



Warning

whitespace **EmptyLineSeparator**

34



Warning

- **allowNoEmptyLineBetweenFields:** `"true"`
- **tokens:** `"PACKAGE_DEF, IMPORT, STATIC_IMPORT, CLASS_DEF, INTERFACE_DEF, ENUM_DEF, STATIC_INIT, INSTANCE_INIT, METHOD_DEF, CTOR_DEF, VARIABLE_DEF, RECORD_DEF, COMPACT_CTOR_DEF"`

OperatorWrap

4



Warning

- **tokens:** `"BAND, BOR, BSR, BXOR, DIV, EQUAL, GE, GT, LAND, LE, LITERAL_INSTANCEOF, LOR, LT, MINUS, MOD, NOT_EQUAL, PLUS, QUESTION, SL, SR, STAR, METHOD_REF, TYPE_EXTENSION_AND"`
- **option:** `"NL"`

WhitespaceAfter

4



Warning

- **tokens:** `"COMMA, SEMI, TYPECAST, LITERAL_IF, LITERAL_ELSE, LITERAL_RETURN, LITERAL_WHILE, LITERAL_DO, LITERAL_FOR, LITERAL_FINALLY, DO_WHILE, ELLIPSIS, LITERAL_SWITCH, LITERAL_SYNCHRONIZED, LITERAL_TRY, LITERAL_CATCH, LAMBDA, LITERAL_YIELD, LITERAL_CASE"`

Details



jpass/JPass.java




Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	naming	AbbreviationAsWordInName	Abbreviation in name 'JPass' must contain no more than '1' consecutive capital letters.	50
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	58
Warning				

jpass/crypt/Aes256.java


Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	66
Warning				

	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	71
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	82
Warning				
	naming	MemberName	Member name '_expandedKey' must match pattern '^ [a-z][a-z0-9][a-zA-Z0-9]*\$'.	85
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	87
Warning				
	naming	MemberName	Member name '_tmp' must match pattern '^ [a-z][a-z0-9][a-zA-Z0-9]*\$'.	90
Warning				
	naming	MemberName	Member name '_sBox' must match pattern '^ [a-z][a-z0-9][a-zA-Z0-9]*\$'.	95
Warning				
	naming	AbbreviationAsWordInName	Abbreviation in name '_invSBox' must contain no more than '1' consecutive capital letters.	151
Warning				
	naming	MemberName	Member name '_invSBox' must match pattern '^ [a-z][a-z0-9][a-zA-Z0-9]*\$'.	151
Warning				
	coding	VariableDeclarationUsageDistance	Distance between variable 'tmp' declaration and its first usage is 4, but allowed 3. Consider making that variable final if you still need to store its value in advance (before method calls that might have side effects on the original value).	337
Warning				
	coding	VariableDeclarationUsageDistance	Distance between variable 's3' declaration and its first usage is 4, but allowed 3. Consider making that variable final if you still need to store its value in advance (before method calls that might have side effects on the original value).	369
Warning				
	coding	VariableDeclarationUsageDistance	Distance between variable 'tmp' declaration and its first usage is 4, but allowed 3. Consider making that variable final if you still need to store its value in advance (before method calls that might have side effects on the original value).	420
Warning				
	coding	VariableDeclarationUsageDistance	Distance between variable 's3' declaration and its first usage is 4, but allowed 3. Consider making that variable final if you still need to store its value in advance (before method calls that might have side effects on the original value).	462
Warning				





Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	45
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	50
Warning				
	naming	MemberName	Member name '_cipher' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	53
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	55
Warning				
	naming	MemberName	Member name '_current' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	58
Warning				
	naming	MemberName	Member name '_buffer' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	63
Warning				
	naming	MemberName	Member name '_tmp' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	68
Warning				
	naming	MemberName	Member name '_outBuffer' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	73
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	75
Warning				
	naming	MemberName	Member name '_outBufferUsed' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	78
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	80
Warning				
	naming	MemberName	Member name '_overflow' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	83
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	85
Warning				
	naming	MemberName	Member name '_overflowUsed' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	88
Warning				
	naming	MemberName	Member name '_output' must match	90

	Warning		pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	
	Warning	coding	OverloadMethodsDeclarationOrder All overloaded methods should be placed next to each other. Placing non-overloaded methods in between overloaded methods with the same type is a violation. Previous overloaded method located at line '147'.	173
	Warning	coding	OverloadMethodsDeclarationOrder All overloaded methods should be placed next to each other. Placing non-overloaded methods in between overloaded methods with the same type is a violation. Previous overloaded method located at line '159'.	196

jpass/crypt/DecryptException.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
Warning				

jpass/crypt/io/CryptInputStream.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
Warning				
	naming	MemberName	Member name '_parent' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	58
Warning				
	naming	MemberName	Member name '_cipher' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	63
Warning				
	naming	MemberName	Member name '_decrypted' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	65
Warning				
	naming	MemberName	Member name '_buffer' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	71
Warning				
	naming	MemberName	Member name '_bufferUsed' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	76
Warning				
	naming	MemberName	Member name '_fetchBuffer' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	81
Warning				
	naming	MemberName	Member name '_lastBufferRead' must match	87



pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.

Warning



javadoc

SummaryJavadoc

First sentence of Javadoc is missing an ending period.

125

Warning

jpass/crypt/io/CryptOutputStream.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
Warning				
	naming	MemberName	Member name '_cipher' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	53
Warning				
	naming	MemberName	Member name '_buffer' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	58
Warning				

jpass/data/DataModel.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				




jpass/data/EntriesRepository.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	67
Warning				




jpass/ui/CopiablePasswordField.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				



jpass/ui/EntryDetailsTable.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	92
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	134
Warning				



jpass/ui/EntryDialog.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	naming	AbbreviationAsWordInName	Abbreviation in name 'ORIGINAL_ECHO' must contain no more than '1' consecutive capital letters.	86
Warning				
	naming	MemberName	Member name 'ORIGINAL_ECHO' must match pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	86
Warning				

jpass/ui/GeneratePasswordDialog.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	SummaryJavadoc	Summary javadoc is missing.	211
Warning				

jpass/ui/JPassFrame.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	naming	AbbreviationAsWordInName	Abbreviation in name 'JPassFrame' must contain no more than '1' consecutive capital letters.	70
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	216



Warning

jpass/ui/MessageDialog.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	whitespace	OperatorWrap	'+' should be on a new line.	284
Warning				
	whitespace	OperatorWrap	'+' should be on a new line.	285
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	305
Warning				

jpass/ui/SearchPanel.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				

jpass/ui/StatusPanel.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	48
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	66
Warning				

jpass/ui/SvgImageIcon.java

Severity	Category	Rule	Message	Line
	javadoc	SummaryJavadoc	Summary javadoc is missing.	41

Warning



naming	AbbreviationAsWordInName	Abbreviation in name 'getIconURL' must contain no more than '1' consecutive capital letters.	76
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Warning



whitespace	WhitespaceAfter	'typecast' is not followed by whitespace.	87
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Warning



whitespace	WhitespaceAfter	'typecast' is not followed by whitespace.	93
------------	-----------------	---	----

Warning



whitespace	WhitespaceAfter	'typecast' is not followed by whitespace.	105
------------	-----------------	---	-----

Warning



whitespace	WhitespaceAfter	'typecast' is not followed by whitespace.	169
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Warning

jpass/ui/TextComponentFactory.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				

jpass/ui/action/AbstractMenuAction.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				

jpass/ui/action/CloseListener.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				

jpass/ui/action/MenuActionType.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	misc	AvoidEscapedUnicodeCharacters	Unicode escape(s) usage should be	132



avoided.

Warning



javadoc

MissingJavadocMethod

Missing a Javadoc comment.

232

Warning

jpass/ui/action/TableListener.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				



jpass/ui/action/TextComponentAction.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocType	Missing a Javadoc comment.	35
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	37
Warning				


jpass/ui/action/TextComponentActionType.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	misc	AvoidEscapedUnicodeCharacters	Unicode escape(s) usage should be avoided.	133
Warning				
	misc	AvoidEscapedUnicodeCharacters	Unicode escape(s) usage should be avoided.	133
Warning				
	misc	AvoidEscapedUnicodeCharacters	Unicode escape(s) usage should be avoided.	133
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	218
Warning				


jpass/ui/action/TextComponentPopupListener.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	60





jpass/ui/action/Worker.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29

jpass/ui/helper/EntryHelper.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29

jpass/ui/helper/FileHelper.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
 Warning	whitespace	OperatorWrap	'+' should be on a new line.	59
 Warning	whitespace	OperatorWrap	'+' should be on a new line.	62
 Warning	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	404

jpass/util/ClipboardUtils.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29



Warning

jpass/util/Configuration.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	101
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	109
Warning				




jpass/util/CryptUtils.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	naming	AbbreviationAsWordInName	Abbreviation in name 'getPKCS5Sha256Hash' must contain no more than '1' consecutive capital letters.	55
Warning				
	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	73
Warning				




jpass/util/DateUtils.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocType	Missing a Javadoc comment.	41
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	44
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	55
Warning				






jpass/util/SpringUtilities.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	31
 Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'initialXSpring' must contain no more than '1' consecutive capital letters.	70
 Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'initialYSpring' must contain no more than '1' consecutive capital letters.	71

jpass/util/StringUtils.java

Severity	Category	Rule	Message	Line
 Warning	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
 Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'stripNonValidXMLCharacters' must contain no more than '1' consecutive capital letters.	52
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	75

jpass/xml/bind/Entries.java

Severity	Category	Rule	Message	Line
 Warning	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	9
 Warning	javadoc	JavadocParagraph	Redundant <p> tag.	9
 Warning	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	12
 Warning	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	36
 Warning	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	41
 Warning	javadoc	JavadocParagraph	<p> tag should be placed immediately before the	48



first word, with no space after.

Warning

jpass/xml/bind/Entry.java

Severity	Category	Rule	Message	Line
	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	8
Warning				
	javadoc	JavadocParagraph	Redundant <p> tag.	8
Warning				
	javadoc	JavadocParagraph	<p> tag should be placed immediately before the first word, with no space after.	11
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	50
Warning				

jpass/xml/converter/XmlConverter.java

Severity	Category	Rule	Message	Line
	whitespace	EmptyLineSeparator	'package' should be separated from previous line.	29
Warning				
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	52
Warning				