







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	85	0

Files

File			
	I	W	E
jpass/JPass.java	0	2	0
jpass/crypt/Aes256.java	0	13	0
jpass/crypt/Cbc.java	0	17	0
jpass/crypt/io/CryptInputStream.java	0	8	0
jpass/crypt/io/CryptOutputStream.java	0	2	0
jpass/data/EntriesRepository.java	0	1	0
jpass/ui/EntryDetailsTable.java	0	2	0
jpass/ui/EntryDialog.java	0	2	0
jpass/ui/GeneratePasswordDialog.java	0	1	0
jpass/ui/JPassFrame.java	0	2	0
jpass/ui/MessageDialog.java	0	3	0
jpass/ui/StatusPanel.java	0	2	0
jpass/ui/SvgImageIcon.java	0	6	0
jpass/ui/action/MenuActionType.java	0	2	0
jpass/ui/action/TextComponentAction.java	0	2	0
jpass/ui/action/TextComponentActionType.java	0	4	0
jpass/ui/action/TextComponentPopupListener.java	0	1	0
jpass/ui/helper/FileHelper.java	0	3	0
jpass/util/Configuration.java	0	2	0
jpass/util/CryptUtils.java	0	1	0
jpass/util/DateUtils.java	0	3	0
jpass/util/SpringUtilities.java	0	2	0
jpass/util/StringUtils.java	0	2	0
jpass/xml/bind/Entry.java	0	1	0
jpass/xml/converter/XmlConverter.java	0	1	0



Rules

Category	Rule	Violations	Severity
coding	OverloadMethodsDeclarationOrder	2	











	VariableDeclarationUsageDistance	4	Warning
			
javadoc	MissingJavadocMethod	17	Warning
			
	<ul style="list-style-type: none"> scope: "public" tokens: "METHOD_DEF, CTOR_DEF, ANNOTATION_FIELD_DEF, COMPACT_CTOR_DEF" minLineCount: "2" allowedAnnotations: "Override, Test" 		Warning
	MissingJavadocType	2	
			
	<ul style="list-style-type: none"> scope: "protected" excludeScope: "nothing" tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, RECORD_DEF, ANNOTATION_DEF" 		Warning
	SummaryJavadoc	16	
			
	<ul style="list-style-type: none"> forbiddenSummaryFragments: "^@return the * ^This method returns ^A [{]}@code [a-zA-Z0-9]+[{]}(is a)" 		Warning
misc	AvoidEscapedUnicodeCharacters	4	
			
	<ul style="list-style-type: none"> allowNonPrintableEscapes: "true" allowByTailComment: "true" allowEscapesForControlCharacters: "true" 		Warning
naming	AbbreviationAsWordInName	9	
			
	<ul style="list-style-type: none"> tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, ANNOTATION_DEF, ANNOTATION_FIELD_DEF, PARAMETER_DEF, VARIABLE_DEF, METHOD_DEF, PATTERN_VARIABLE_DEF, RECORD_DEF, RECORD_COMPONENT_DEF" ignoreFinal: "false" allowedAbbreviationLength: "0" 		Warning
	MemberName	23	
			
	<ul style="list-style-type: none"> format: "^[a-z][a-z0-9][a-zA-Z0-9]*\$" 		Warning
whitespace	OperatorWrap	4	
			
	<ul style="list-style-type: none"> 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" 		Warning
	WhitespaceAfter	4	
			
	<ul style="list-style-type: none"> 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" 		Warning

Details




jpass/JPass.java

Severity	Category	Rule	Message	Line
 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









jpass/crypt/Aes256.java






Severity	Category	Rule	Message	Line
 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	337

its value in advance (before method calls that might have side effects on the original value).





	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				





jpass/crypt/Cbc.java

Severity	Category	Rule	Message	Line
	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 pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	90
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
Warning				

jpass/crypt/io/CryptInputStream.java


Severity	Category	Rule	Message	Line
	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 pattern '^[a-z][a-z0-9][a-zA-Z0-9]*\$'.	87
Warning				
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	125
Warning				



jpass/crypt/io/CryptOutputStream.java

Severity	Category	Rule	Message	Line
	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/EntriesRepository.java

Severity	Category	Rule	Message	Line
	javadoc	SummaryJavadoc	First sentence of Javadoc is missing an ending period.	67
Warning				

jpass/ui/EntryDetailsTable.java

Severity	Category	Rule	Message	Line
	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
	naming	AbbreviationAsWordInName	Abbreviation in name 'ORIGINAL_ECHO' must contain no more than '1' consecutive	86

Warning



naming

MemberName

capital letters.

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
	javadoc	SummaryJavadoc	Summary javadoc is missing.	211
Warning				

jpass/ui/JPassFrame.java

Severity	Category	Rule	Message	Line
	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	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/StatusPanel.java

Severity	Category	Rule	Message	Line
	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
 Warning	javadoc	SummaryJavadoc	Summary javadoc is missing.	41
 Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'getIconURL' must contain no more than '1' consecutive capital letters.	76
 Warning	whitespace	WhitespaceAfter	'typecast' is not followed by whitespace.	87
 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
Warning				





jpass/ui/action/MenuActionType.java

Severity	Category	Rule	Message	Line
 Warning	misc	AvoidEscapedUnicodeCharacters	Unicode escape(s) usage should be avoided.	132
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	232
Warning				


jpass/ui/action/TextComponentAction.java

Severity	Category	Rule	Message	Line
 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
 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



jpass/ui/action/TextComponentPopupListener.java

Severity	Category	Rule	Message	Line
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	60


jpass/ui/helper/FileHelper.java

Severity	Category	Rule	Message	Line
 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/Configuration.java

Severity	Category	Rule	Message	Line
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	101
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	109



jpass/util/CryptUtils.java

Severity	Category	Rule	Message	Line
 Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'getPKCS5Sha256Hash' must contain no more than '1' consecutive capital letters.	55



jpass/util/DateUtils.java

Severity	Category	Rule	Message	Line
 Warning	javadoc	MissingJavadocType	Missing a Javadoc comment.	41
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	44
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	55


jpass/util/SpringUtilities.java

Severity	Category	Rule	Message	Line
 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	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/Entry.java

Severity	Category	Rule	Message	Line
 Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	50

Warning

jpass/xml/converter/XMLConverter.java

Severity	Category	Rule	Message	Line
	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	52

Warning