




Checkstyle Results

The following document contains the results of [Checkstyle](#) 10.3.3 with /home/lekinasa/Github/tvvs-proj/rulesets/checkstyle-rules.xml ruleset.

Summary

| Files |  |  |  |
|-------|---|---|---|
| | Info | Warnings | Errors |
| 27 | 0 | 96 | 0 |

Files

| File |  |  |  |
|---|---|---|---|
| | I | W | E |
| jpass/JPass.java | 0 | 2 | 0 |
| jpass/crypt/Aes256.java | 0 | 13 | 0 |
| jpass/crypt/Cbc.java | 0 | 15 | 0 |
| jpass/crypt/io/CryptInputStream.java | 0 | 8 | 0 |
| jpass/crypt/io/CryptOutputStream.java | 0 | 3 | 0 |
| jpass/data/EntriesRepository.java | 0 | 1 | 0 |
| jpass/ui/EntryDetailsTable.java | 0 | 2 | 0 |
| jpass/ui/EntryDialog.java | 0 | 3 | 0 |
| jpass/ui/GeneratePasswordDialog.java | 0 | 1 | 0 |
| jpass/ui/JPassFrame.java | 0 | 2 | 0 |
| jpass/ui/MessageDialog.java | 0 | 1 | 0 |
| jpass/ui/StatusPanel.java | 0 | 2 | 0 |
| jpass/ui/SvgImageIcon.java | 0 | 5 | 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 | 2 | 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/Entries.java | 0 | 6 | 0 |
| jpass/xml/bind/Entry.java | 0 | 8 | 0 |
| jpass/xml/converter/XmlConverter.java | 0 | 1 | 0 |

Rules

| Category | Rule | Violations | Severity |
|----------|------|------------|----------|
|----------|------|------------|----------|

| | | | |
|------------|--|----|---|
| coding | VariableDeclarationUsageDistance | 3 |  |
| | | | Warning |
| javadoc | JavadocParagraph | 10 |  |
| | | | Warning |
| | JavadocTagContinuationIndentation | 4 |  |
| | | | Warning |
| | MissingJavadocMethod | 17 |  |
| | <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 | 15 |  |
| | <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 | 8 |  |
| | <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"allowedAbbreviations: "URL, 0"allowedAbbreviationLength: "0" | | Warning |
| | MemberName | 23 |  |
| | <ul style="list-style-type: none">format: "^[a-z][a-zA-Z0-9]*\$" | | Warning |
| whitespace | OperatorWrap | 2 |  |
| | <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



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"

WhitespaceAround

4



Warning

- allowEmptyConstructors: "true"
- ignoreEnhancedForColon: "false"
- allowEmptyLambdas: "true"
- allowEmptyMethods: "true"
- allowEmptyLoops: "true"
- tokens: "ASSIGN, BAND, BAND_ASSIGN, BOR, BOR_ASSIGN, BSR, BSR_ASSIGN, BXOR, BXOR_ASSIGN, COLON, DIV, DIV_ASSIGN, DO_WHILE, EQUAL, GE, GT, LAMBDA, LAND, LCURLY, LE, LITERAL_CATCH, LITERAL_DO, LITERAL_ELSE, LITERAL_FINALLY, LITERAL_FOR, LITERAL_IF, LITERAL_RETURN, LITERAL_SWITCH, LITERAL_SYNCHRONIZED, LITERAL_TRY, LITERAL_WHILE, LOR, LT, MINUS, MINUS_ASSIGN, MOD, MOD_ASSIGN, NOT_EQUAL, PLUS, PLUS_ASSIGN, QUESTION, RCURLY, SL, SLIST, SL_ASSIGN, SR, SR_ASSIGN, STAR, STAR_ASSIGN, LITERAL_ASSERT, TYPE_EXTENSION_AND"
- allowEmptyTypes: "true"








Details

jpass/JPass.java

| Severity | Category | Rule | Message | Line |
|----------|----------|--------------------------|---|------|
| | 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 |
|----------|----------|----------------|---|------|
| | 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 | | | | |
| | naming | MemberName | Member name '_expandedKey' must match pattern '^([a-z][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-zA-Z0-9]*\$'. | 90 |
| Warning |  | naming | MemberName | Member name '_sBox' must match pattern '[a-z][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-zA-Z0-9]*\$'. | 151 |
| Warning |  | javadoc | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 208 |
| Warning |  | javadoc | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 224 |
| 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 '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 |







jpass/crypt/Cbc.java

| Severity | Category | Rule | Message | Line |
|--|----------|----------------|--|------|
| <div><div></div><div>Warning</div></div> | javadoc | SummaryJavadoc | First sentence of Javadoc is missing an ending period. | 45 |
| <div><div></div><div>Warning</div></div> | javadoc | SummaryJavadoc | First sentence of Javadoc is missing an ending period. | 50 |




| | | | | |
|---|---------|----------------|---|----|
|  | naming | MemberName | Member name '_cipher' must match pattern '^([a-z][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-zA-Z0-9])*\$'. | 58 |
| Warning | | | | |
|  | naming | MemberName | Member name '_buffer' must match pattern '^([a-z][a-zA-Z0-9])*\$'. | 63 |
| Warning | | | | |
|  | naming | MemberName | Member name '_tmp' must match pattern '^([a-z][a-zA-Z0-9])*\$'. | 68 |
| Warning | | | | |
|  | naming | MemberName | Member name '_outBuffer' must match pattern '^([a-z][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-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-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-zA-Z0-9])*\$'. | 88 |
| Warning | | | | |
|  | naming | MemberName | Member name '_output' must match pattern '^([a-z][a-zA-Z0-9])*\$'. | 90 |
| Warning | | | | |

jpass/crypt/io/CryptInputStream.java


| Severity | Category | Rule | Message | Line |
|---|----------|------------|--|------|
|  | naming | MemberName | Member name '_parent' must match pattern '^([a-z][a-zA-Z0-9])*\$'. | 58 |
| Warning | | | | |

| | | | | |
|---|---------|----------------|--|-----|
|  | naming | MemberName | Member name '_cipher' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 63 |
| Warning | | | | |
|  | naming | MemberName | Member name '_decrypted' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 65 |
| Warning | | | | |
|  | naming | MemberName | Member name '_buffer' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 71 |
| Warning | | | | |
|  | naming | MemberName | Member name '_bufferUsed' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 76 |
| Warning | | | | |
|  | naming | MemberName | Member name '_fetchBuffer' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 81 |
| Warning | | | | |
|  | naming | MemberName | Member name '_lastBufferRead' must match pattern '^[a-z][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-zA-Z0-9]*\$'. | 53 |
| Warning | | | | |
|  | naming | MemberName | Member name '_buffer' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 58 |
| Warning | | | | |
|  | javadoc | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 116 |
| 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. | 91 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 133 |
| Warning | | | | |



jpass/ui/EntryDialog.java

| Severity | Category | Rule | Message | Line |
|---|----------|-----------------------------------|---|------|
|  | naming | AbbreviationAsWordInName | Abbreviation in name 'ORIGINAL_ECHO' must contain no more than '1' consecutive capital letters. | 87 |
| Warning | | | | |
|  | naming | MemberName | Member name 'ORIGINAL_ECHO' must match pattern '^[a-z][a-zA-Z0-9]*\$'. | 87 |
| Warning | | | | |
|  | javadoc | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 282 |
| Warning | | | | |


jpass/ui/GeneratePasswordDialog.java

| Severity | Category | Rule | Message | Line |
|---|----------|----------------|-----------------------------|------|
|  | javadoc | SummaryJavadoc | Summary javadoc is missing. | 212 |
| 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. | 71 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 217 |
| Warning | | | | |

jpass/ui/MessageDialog.java

| Severity | Category | Rule | Message | Line |
|---|----------|----------------|--|------|
|  | javadoc | SummaryJavadoc | First sentence of Javadoc is missing an ending period. | 306 |
| Warning | | | | |



jpass/ui/StatusPanel.java

| Severity | Category | Rule | Message | Line |
|---|----------|----------------------|----------------------------|------|
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 49 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 67 |
| Warning | | | | |


jpass/ui/SvgImageIcon.java

| Severity | Category | Rule | Message | Line |
|---|------------|-----------------|---|------|
|  | javadoc | SummaryJavadoc | Summary javadoc is missing. | 42 |
| Warning | | | | |
|  | whitespace | WhitespaceAfter | 'typecast' is not followed by whitespace. | 88 |
| Warning | | | | |
|  | whitespace | WhitespaceAfter | 'typecast' is not followed by whitespace. | 94 |
| Warning | | | | |
|  | whitespace | WhitespaceAfter | 'typecast' is not followed by whitespace. | 106 |
| Warning | | | | |
|  | whitespace | WhitespaceAfter | 'typecast' is not followed by whitespace. | 170 |
| Warning | | | | |

jpass/ui/action/MenuActionType.java

| Severity | Category | Rule | Message | Line |
|---|----------|-------------------------------|--|------|
|  | misc | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided. | 133 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 233 |
| Warning | | | | |

jpass/ui/action/TextComponentAction.java

| Severity | Category | Rule | Message | Line |
|---|----------|--------------------|----------------------------|------|
|  | 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 |
|----------|----------|-------------------------------|--|------|
| | misc | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided. | 134 |
| Warning | | | | |
| | misc | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided. | 134 |
| Warning | | | | |
| | misc | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided. | 134 |
| Warning | | | | |
| | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 219 |
| Warning | | | | |

jpass/ui/action/TextComponentPopupListener.java



| Severity | Category | Rule | Message | Line |
|----------|----------|----------------------|----------------------------|------|
| | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 61 |
| Warning | | | | |

jpass/ui/helper/FileHelper.java



| Severity | Category | Rule | Message | Line |
|----------|------------|----------------|--|------|
| | whitespace | OperatorWrap | '+' should be on a new line. | 61 |
| Warning | | | | |
| | whitespace | OperatorWrap | '+' should be on a new line. | 64 |
| Warning | | | | |
| | javadoc | SummaryJavadoc | First sentence of Javadoc is missing an ending period. | 406 |
| Warning | | | | |

jpass/util/Configuration.java




| Severity | Category | Rule | Message | Line |
|----------|----------|------|---------|------|
|----------|----------|------|---------|------|

| | | | | |
|---|---------|----------------------|----------------------------|-----|
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 103 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 111 |
| Warning | | | | |



jpass/util/CryptUtils.java

| Severity | Category | Rule | Message | Line |
|---|----------|--------------------------|--|------|
|  | 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 |
|---|----------|----------------------|----------------------------|------|
|  | 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 |
|---|----------|--------------------------|--|------|
|  | naming | AbbreviationAsWordInName | Abbreviation in name 'initialXSpring' must contain no more than '1' consecutive capital letters. | 71 |
| Warning | | | | |
|  | naming | AbbreviationAsWordInName | Abbreviation in name 'initialYSpring' must contain no more than '1' consecutive capital letters. | 72 |
| Warning | | | | |

jpass/util/StringUtils.java





| Severity | Category | Rule | Message | Line |
|----------|----------|------|---------|------|
|----------|----------|------|---------|------|



| | | | | |
|---|---------|--------------------------|--|----|
|  | naming | AbbreviationAsWordInName | Abbreviation in name 'stripNonValidXMLCharacters' must contain no more than '1' consecutive capital letters. | 52 |
| Warning | | | | |
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 76 |
| Warning | | | | |

jpass/xml/bind/Entries.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 | JavadocParagraph | <p> tag should be placed immediately before the first word, with no space after. | 35 |
| Warning | | | | |
|  | javadoc | JavadocParagraph | <p> tag should be placed immediately before the first word, with no space after. | 40 |
| Warning | | | | |
|  | javadoc | JavadocParagraph | <p> tag should be placed immediately before the first word, with no space after. | 47 |
| 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 | | | | |

| | | | | |
|---|------------|------------------|--|-----|
|  | whitespace | WhitespaceAround | WhitespaceAround: '{' is not preceded with whitespace. | 50 |
| Warning | | | | |
|  | whitespace | WhitespaceAround | WhitespaceAround: '{' is not preceded with whitespace. | 153 |
| Warning | | | | |
|  | whitespace | WhitespaceAround | WhitespaceAround: '{' is not preceded with whitespace. | 162 |
| Warning | | | | |
|  | whitespace | WhitespaceAround | WhitespaceAround: '{' is not preceded with whitespace. | 171 |
| Warning | | | | |

jpass/xml/converter/XmlConverter.java

| Severity | Category | Rule | Message | Line |
|---|----------|----------------------|----------------------------|------|
|  | javadoc | MissingJavadocMethod | Missing a Javadoc comment. | 51 |
| Warning | | | | |