

# 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  | 342  | 0  |

## Files

### File

|   |  I |  W |  E |
|---|---|---|---|
| jpass/JPass.java                                | 0   | 10  | 0   |
| jpass/crypt/Aes256.java                         | 0   | 18  | 0   |
| jpass/crypt/Cbc.java                            | 0   | 18  | 0   |
| jpass/crypt/DecryptException.java               | 0   | 1   | 0   |
| jpass/crypt/io/CryptInputStream.java            | 0   | 10  | 0   |
| jpass/crypt/io/CryptOutputStream.java           | 0   | 5   | 0   |
| jpass/data/DataModel.java                       | 0   | 2   | 0   |
| jpass/data/EntriesRepository.java               | 0   | 6   | 0   |
| jpass/ui/CopyablePasswordField.java             | 0   | 1   | 0   |
| jpass/ui/EntryDetailsTable.java                 | 0   | 8   | 0   |
| jpass/ui/EntryDialog.java                       | 0   | 14  | 0   |
| jpass/ui/GeneratePasswordDialog.java            | 0   | 8   | 0   |
| jpass/ui/JPassFrame.java                        | 0   | 32  | 0   |
| jpass/ui/MessageDialog.java                     | 0   | 19  | 0   |
| jpass/ui/SearchPanel.java                       | 0   | 5   | 0   |
| jpass/ui/StatusPanel.java                       | 0   | 4   | 0   |
| jpass/ui/SvgImageIcon.java                      | 0   | 18  | 0   |
| jpass/ui/TextComponentFactory.java              | 0   | 2   | 0   |
| jpass/ui/action/AbstractMenuAction.java         | 0   | 1   | 0   |
| jpass/ui/action/CloseListener.java              | 0   | 2   | 0   |
| jpass/ui/action/MenuActionType.java             | 0   | 31  | 0   |
| jpass/ui/action/TableListener.java              | 0   | 4   | 0   |
| jpass/ui/action/TextComponentAction.java        | 0   | 3   | 0   |
| jpass/ui/action/TextComponentActionType.java    | 0   | 16  | 0   |
| jpass/ui/action/TextComponentPopupListener.java | 0   | 11  | 0   |
| jpass/ui/action/Worker.java                     | 0   | 2   | 0   |
| jpass/ui/helper/EntryHelper.java                | 0   | 12  | 0   |
| jpass/ui/helper/FileHelper.java                 | 0   | 29  | 0   |
| jpass/util/ClipboardUtils.java                  | 0   | 3   | 0   |
| jpass/util/Configuration.java                   | 0   | 4   | 0   |
| jpass/util/CryptUtils.java                      | 0   | 3   | 0   |
| jpass/util/DateUtils.java                       | 0   | 6   | 0   |
| jpass/util/SpringUtilities.java                 | 0   | 15  | 0   |
| jpass/util/StringUtils.java                     | 0   | 3   | 0   |
| jpass/xml/bind/Entries.java                     | 0   | 6   | 0   |

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| jpass/xml/bind/Entry.java             | 0 | 8 | 0 |
| jpass/xml/converter/XmlConverter.java | 0 | 2 | 0 |

## Rules

| Category | Rule  | Violations | Severity |
|----------|---|------------|----------|
| coding   | OverloadMethodsDeclarationOrder   | 2          |          |
|          | VariableDeclarationUsageDistance  | 4          |          |
| imports  | CustomImportOrder   | 98         |          |
|          | <ul style="list-style-type: none"> <li>• separateLineBetweenGroups: "true"</li> <li>• sortImportsInGroupAlphabetically: "true"</li> <li>• customImportOrderRules: "STATIC##THIRD_PARTY_PACKAGE"</li> <li>• tokens: "IMPORT, STATIC_IMPORT, PACKAGE_DEF"</li> </ul>  |            | Warning  |
| javadoc  | JavadocParagraph  | 10         |          |
|          | JavadocTagContinuationIndentation   | 5          |          |
|          | MissingJavadocMethod  | 17         |          |
|          | <ul style="list-style-type: none"> <li>• scope: "public"</li> <li>• tokens: "METHOD_DEF, CTOR_DEF, ANNOTATION_FIELD_DEF, COMPACT_CTOR_DEF"</li> <li>• minLineCount: "2"</li> <li>• allowedAnnotations: "Override, Test"</li> </ul>  |            | Warning  |
| misc     | MissingJavadocType  | 2          |          |
|          | <ul style="list-style-type: none"> <li>• scope: "protected"</li> <li>• excludeScope: "nothing"</li> <li>• tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, RECORD_DEF, ANNOTATION_DEF"</li> </ul>   |            | Warning  |
|          | SummaryJavadoc  | 16         |          |
| naming   | <ul style="list-style-type: none"> <li>• forbiddenSummaryFragments: "^@return the * ^This method returns  ^A [{}@code [a-zA-Z0-9]+[{}]( is a )"</li> </ul>  |            | Warning  |
|          | AvoidEscapedUnicodeCharacters   | 4          |          |
| naming   | <ul style="list-style-type: none"> <li>• allowNonPrintableEscapes: "true"</li> <li>• allowByTailComment: "true"</li> <li>• allowEscapesForControlCharacters: "true"</li> </ul>  |            | Warning  |
|          | AbbreviationAsWordInName  | 9          |          |
|          | <ul style="list-style-type: none"> <li>• 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"</li> <li>• ignoreFinal: "false"</li> <li>• allowedAbbreviationLength: "0"</li> </ul> |            | Warning  |
| naming   | LocalVariableName   | 4          |          |
|          | <ul style="list-style-type: none"> <li>• format: "^[a-z] ([a-zA-Z0-9][a-zA-Z0-9]*)?"</li> </ul>   |            | Warning  |

|            |                    |    | Warning   |
|------------|--------------------|----|---|
|            | MemberName         | 23 |   |
|            |                    |    | • format: "^[a-z][a-zA-Z0-9]*\$"  |
|            | ParameterName      | 4  |   |
|            |                    |    | • format: "^[a-z]([a-zA-Z0-9]*[a-zA-Z0-9]*)?\${"  |
| sizes      | LineLength         | 98 |   |
|            |                    |    | • fileExtensions: "java"<br>• max: "100"<br>• ignorePattern: "^package.* ^import.* a href href http:// https:// ftp://" style="font-family: monospace; font-size: small; margin-left: 20px; margin-top: 10px; margin-bottom: 10px;">  |
| whitespace | EmptyLineSeparator | 34 |   |
|            |                    |    | • allowNoEmptyLineBetweenFields: "true"<br>• tokens: "PACKAGE_DEF, IMPORT, STATIC_IMPORT, CLASS_DEF, INTERFACE_DEF, ENUM_DEF, STATIC_INIT, INSTANCE_INIT, METHOD_DEF, CTOR_DEF, VARIABLE_DEF, RECORD_DEF, COMPACTCTOR_DEF" style="font-family: monospace; font-size: small; margin-left: 20px; margin-top: 10px; margin-bottom: 10px;">   |
|            | OperatorWrap       | 4  |   |
|            |                    |    | • 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"<br>• option: "NL" style="font-family: monospace; font-size: small; margin-left: 20px; margin-top: 10px; margin-bottom: 10px;">   |
|            | WhitespaceAfter    | 4  |   |
|            |                    |    | • 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" style="font-family: monospace; font-size: small; margin-left: 20px; margin-top: 10px; margin-bottom: 10px;">  |
|            | WhitespaceAround   | 4  |   |
|            |                    |    | • allowEmptyConstructors: "true"<br>• ignoreEnhancedForColon: "false"<br>• allowEmptyLambdas: "true"<br>• allowEmptyMethods: "true"<br>• allowEmptyLoops: "true"<br>• 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"<br>• allowEmptyTypes: "true" style="font-family: monospace; font-size: small; margin-left: 20px; margin-top: 10px; margin-bottom: 10px;"> |

## Details

### jpass/JPass.java

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

|         |            |                          |   |    |
|---------|------------|--------------------------|---|----|
|         | whitespace | EmptyLineSeparator       | 'package' should be separated from previous line.   | 29 |
| Warning | imports    | CustomImportOrder        | Extra separation in import group before 'jpass.ui.JPassFrame'   | 37 |
|         | imports    | CustomImportOrder        | Wrong lexicographical order for 'java.util.logging.Level' import. Should be before 'jpass.util.Configuration'.  | 39 |
| Warning | imports    | CustomImportOrder        | Wrong lexicographical order for 'java.util.logging.Logger' import. Should be before 'jpass.util.Configuration'. | 40 |
|         | imports    | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JDialog' import. Should be before 'jpass.util.Configuration'.      | 41 |
| Warning | imports    | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JFrame' import. Should be before 'jpass.util.Configuration'.       | 42 |
|         | naming     | AbbreviationAsWordInName | Abbreviation in name 'JPass' must contain no more than '1' consecutive capital letters.                         | 50 |
| Warning | sizes      | LineLength               | Line is longer than 100 characters (found 105).   | 55 |
|         | javadoc    | MissingJavadocMethod     | Missing a Javadoc comment.  | 58 |
| Warning | sizes      | LineLength               | Line is longer than 100 characters (found 101).   | 76 |
| 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-zA-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-zA-Z][a-zA-Z0-9]*\$'.  | 90  |
| Warning |    | naming  | MemberName                        | Member name '_sBox' must match pattern '^[_a-zA-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-zA-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 |    | sizes   | LineLength                        | Line is longer than 100 characters (found 103).  | 262 |
| Warning |    | sizes   | LineLength                        | Line is longer than 100 characters (found 102).  | 280 |
| 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 |

## jpass/crypt/Cbc.java

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

|         |   |                                 |   |     |
|---------|---|---------------------------------|---|-----|
| 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 ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.   | 53  |
| Warning |  javadoc   | SummaryJavadoc                  | First sentence of Javadoc is missing an ending period.  | 55  |
| Warning |  naming    | MemberName                      | Member name '_current' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.  | 58  |
| Warning |  naming    | MemberName                      | Member name '_buffer' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.   | 63  |
| Warning |  naming    | MemberName                      | Member name '_tmp' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.  | 68  |
| Warning |  naming    | MemberName                      | Member name '_outBuffer' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.  | 73  |
| Warning |  javadoc  | SummaryJavadoc                  | First sentence of Javadoc is missing an ending period.  | 75  |
| Warning |  naming  | MemberName                      | Member name '_outBufferUsed' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.  | 78  |
| Warning |  javadoc | SummaryJavadoc                  | First sentence of Javadoc is missing an ending period.  | 80  |
| Warning |  naming  | MemberName                      | Member name '_overflow' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.   | 83  |
| Warning |  javadoc | SummaryJavadoc                  | First sentence of Javadoc is missing an ending period.  | 85  |
| Warning |  naming  | MemberName                      | Member name '_overflowUsed' must match pattern ' $^{\wedge}[a-z][a-z0-9][a-zA-Z0-9]*$$ '.   | 88  |
| Warning |  naming  | MemberName                      | Member name '_output' must match pattern ' $^{\wedge}[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  | 196 |
| Warning |   |                                 |   |     |

with the same type is a violation. Previous overloaded method located at line '159'.

## 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   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'jpass.crypt.Cbc'                    |
| Warning   |    | naming             | MemberName  | Member name '_parent' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.         |
| Warning   |  | naming             | MemberName  | Member name '_cipher' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.         |
| Warning   |  | naming             | MemberName  | Member name '_decrypted' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.      |
| Warning   |  | naming             | MemberName  | Member name '_buffer' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.         |
| Warning   |  | naming             | MemberName  | Member name '_bufferUsed' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.     |
| Warning   |  | naming             | MemberName  | Member name '_fetchBuffer' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.    |
| Warning   |  | naming             | MemberName  | Member name '_lastBufferRead' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'. |
| Warning   |  | javadoc            | SummaryJavadoc                                    | First sentence of Javadoc is missing an ending period.                       |
| Warning   |   |                    |   |  |

## jpass/crypt/io/CryptOutputStream.java

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

|  |         |         |                                   |   |     |
|--|---------|---------|-----------------------------------|---|-----|
|  | Warning | imports | CustomImportOrder                 | Extra separation in import group before 'jpass.crypt.Cbc'                       | 37  |
|  | Warning | naming  | MemberName                        | Member name '_cipher' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.            | 53  |
|  | Warning | naming  | MemberName                        | Member name '_buffer' must match pattern '^[_a-zA-Z][a-zA-Z0-9]*\$'.            | 58  |
|  | Warning | javadoc | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 116 |
|  | Warning |         |                                   |   |     |

## jpass/data/DataModel.java

| Severity | Category | Rule       | Message  | Line |
|----------|----------|------------|--|------|
|          | Warning  | whitespace | EmptyLineSeparator 'package' should be separated from previous line.               | 29   |
|          | Warning  | imports    | CustomImportOrder Extra separation in import group before 'jpass.xml.bind.Entries' | 34   |
|          | Warning  |            |  |      |

## jpass/data/EntriesRepository.java

| Severity | Category | Rule       | Message  | Line |
|----------|----------|------------|--|------|
|          | Warning  | whitespace | EmptyLineSeparator 'package' should be separated from previous line.   | 29   |
|          | Warning  | imports    | CustomImportOrder Extra separation in import group before 'jpass.crypt.io.CryptInputStream'  | 42   |
|          | Warning  | imports    | CustomImportOrder Import statement for 'jpass.util.StringUtils.stripString' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 47   |
|          | Warning  | javadoc    | SummaryJavadoc First sentence of Javadoc is missing an ending period.  | 67   |
|          | Warning  | sizes      | LineLength Line is longer than 100 characters (found 143).   | 119  |
|          | Warning  | sizes      | LineLength Line is longer than 100 characters (found 148).   | 146  |
|          | 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. | <a href="#">29</a>  |
| ⚠        | sizes      | LineLength           | Line is longer than 100 characters (found 107).   | 59                  |
| ⚠        | sizes      | LineLength           | Line is longer than 100 characters (found 101).   | 60                  |
| ⚠        | sizes      | LineLength           | Line is longer than 100 characters (found 101).   | 79                  |
| ⚠        | javadoc    | MissingJavadocMethod | Missing a Javadoc comment.                        | <a href="#">91</a>  |
| ⚠        | sizes      | LineLength           | Line is longer than 100 characters (found 112).   | 94                  |
| ⚠        | sizes      | LineLength           | Line is longer than 100 characters (found 124).   | 124                 |
| ⚠        | javadoc    | MissingJavadocMethod | Missing a Javadoc comment.                        | <a href="#">133</a> |
| ⚠        |            |                      |   |                     |

## jpass/ui/EntryDialog.java

| Severity | Category   | Rule                     | Message  | Line               |
|----------|------------|--------------------------|--|--------------------|
| ⚠        | whitespace | EmptyLineSeparator       | 'package' should be separated from previous line.  | <a href="#">29</a> |
| ⚠        | imports    | CustomImportOrder        | Extra separation in import group before 'javax.swing.JButton'  | 40                 |
| ⚠        | imports    | CustomImportOrder        | Extra separation in import group before 'jpass.util.SpringUtilities'   | 53                 |
| ⚠        | imports    | CustomImportOrder        | Import statement for 'jpass.ui.helper.EntryHelper.copyEntryField' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | <a href="#">57</a> |
| ⚠        | 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-z0-9][a-zA-Z0-9]*\$'.  | 87  |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 106).                                 | 197 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 104).                                 | 198 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 116).                                 | 204 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 106).                                 | 206 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 109).                                 | 207 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 103).                                 | 223 |
|         | Warning | sizes   | LineLength                        | Line is longer than 100 characters (found 115).                                 | 256 |
|         | 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  |     |
|----------|----------|------------|-----------------------------------|---|-----|
|          | Warning  | whitespace | EmptyLineSeparator                | 'package' should be separated from previous line.                               | 29  |
|          | Warning  | imports    | CustomImportOrder                 | Extra separation in import group before 'javax.swing.JButton'                   | 40  |
|          | Warning  | imports    | CustomImportOrder                 | Extra separation in import group before 'jpass.util.Configuration'              | 53  |
|          | Warning  | javadoc    | JavadocTagContinuationIndentation | Line continuation have incorrect indentation level, expected level should be 4. | 126 |
|          | Warning  | sizes      | LineLength                        | Line is longer than 100 characters (found 120).                                 | 139 |
|          | Warning  | sizes      | LineLength                        | Line is longer than 100 characters (found 102).                                 | 147 |
|          | Warning  | javadoc    | SummaryJavadoc                    | Summary javadoc is missing.   | 212 |

|         |   |       |            |   |     |
|---------|---|-------|------------|---|-----|
| Warning |  | sizes | LineLength | Line is longer than 100 characters (found 116). | 233 |
|---------|---|-------|------------|---|-----|

Warning

## jpass/ui/JPassFrame.java

| Severity  | Category  | Rule               | Message   | Line  |    |
|---|---|--------------------|---|---|----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29  |    |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'java.awt.BorderLayout'   | 39 |
| Warning   |    | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.awt.BorderLayout' import. Should be before 'jpass.xml.bind.Entry'.    | 39 |
| Warning   |    | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.awt.Dimension' import. Should be before 'jpass.xml.bind.Entry'.       | 40 |
| Warning   |   | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.awt.event.KeyEvent' import. Should be before 'jpass.xml.bind.Entry'.  | 41 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.ArrayList' import. Should be before 'jpass.xml.bind.Entry'.      | 42 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.Collections' import. Should be before 'jpass.xml.bind.Entry'.    | 43 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.Comparator' import. Should be before 'jpass.xml.bind.Entry'.     | 44 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.List' import. Should be before 'jpass.xml.bind.Entry'.           | 45 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.logging.Level' import. Should be before 'jpass.xml.bind.Entry'.  | 46 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'java.util.logging.Logger' import. Should be before 'jpass.xml.bind.Entry'. | 47 |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.JFrame'  | 49 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'javax.swing.JFrame' import. Should be before 'jpass.xml.bind.Entry'.       | 49 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'javax.swing.JTable' import. Should be before 'jpass.xml.bind.Entry'.       | 50 |
| Warning   |  | imports            | CustomImportOrder                                 | Wrong lexicographical order for 'javax.swing.JMenu' import.   | 51 |

|         |         |                          |   |     |
|---------|---------|--------------------------|---|-----|
|         |         |                          | import. Should be before 'jpass.xml.bind.Entry'.  |     |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JMenuBar' import. Should be before 'jpass.xml.bind.Entry'.   | 52  |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JPanel' import. Should be before 'jpass.xml.bind.Entry'.   | 53  |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JPopupMenu' import. Should be before 'jpass.xml.bind.Entry'.   | 54  |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JScrollPane' import. Should be before 'jpass.xml.bind.Entry'.  | 55  |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.JToolBar' import. Should be before 'jpass.xml.bind.Entry'.   | 56  |
| Warning | imports | CustomImportOrder        | Wrong lexicographical order for 'javax.swing.WindowConstants' import. Should be before 'jpass.xml.bind.Entry'.  | 57  |
| Warning | imports | CustomImportOrder        | Import statement for 'jpass.ui.MessageDialog.NO_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.            | 59  |
| Warning | imports | CustomImportOrder        | Import statement for 'jpass.ui.MessageDialog.YES_NO_CANCEL_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 60  |
| Warning | imports | CustomImportOrder        | Import statement for 'jpass.ui.MessageDialog.YES_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.           | 61  |
| Warning | imports | CustomImportOrder        | Import statement for 'jpass.ui.MessageDialog.getIcon' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.              | 62  |
| Warning | imports | CustomImportOrder        | Import statement for 'jpass.ui.MessageDialog.showQuestionMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 63  |
| Warning | 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 | sizes   | LineLength               | Line is longer than 100 characters (found 104).   | 267 |
| Warning | sizes   | LineLength               | Line is longer than 100 characters (found 131).   | 270 |
| Warning | sizes   | LineLength               | Line is longer than 100 characters (found 120).   | 281 |
| Warning |         |                          |   |     |

|  |       |            |   |     |
|--|-------|------------|---|-----|
|  | sizes | LineLength | Line is longer than 100 characters (found 116). | 304 |
| Warning  |       |            |   |     |

## jpass/ui/MessageDialog.java

| Severity  | Category   | Rule               | Message   | Line |
|---|------------|--------------------|---|------|
|  | whitespace | EmptyLineSeparator | 'package' should be separated from previous line.               | 29   |
| Warning   | imports    | CustomImportOrder  | Extra separation in import group before 'javax.swing.ImageIcon' | 49   |
| Warning   | imports    | CustomImportOrder  | Extra separation in import group before 'jpass.util.CryptUtils' | 62   |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 122).                 | 89   |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 121).                 | 94   |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 133).                 | 99   |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 125).                 | 183  |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 140).                 | 187  |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 111).                 | 239  |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 106).                 | 240  |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 118).                 | 266  |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 101).                 | 270  |
| Warning   | whitespace | OperatorWrap       | '+' should be on a new line.                                    | 285  |
| Warning   | whitespace | OperatorWrap       | '+' should be on a new line.                                    | 286  |
| Warning   | javadoc    | SummaryJavadoc     | First sentence of Javadoc is missing an ending period.          | 306  |

|         |   |       |            |   |     |
|---------|---|-------|------------|---|-----|
| Warning |  | sizes | LineLength | Line is longer than 100 characters (found 107). | 313 |
| Warning |  | sizes | LineLength | Line is longer than 100 characters (found 109). | 320 |
| Warning |  | sizes | LineLength | Line is longer than 100 characters (found 124). | 327 |
| Warning |  | sizes | LineLength | Line is longer than 100 characters (found 104). | 340 |
| Warning |   |       |            |   |     |

## jpass/ui/SearchPanel.java

| Severity  | Category  | Rule               | Message   | Line   |     |
|---|---|--------------------|---|--|-----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29   |     |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.AbstractAction'   | 36  |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'javax.swing.KeyStroke.getKeyStroke' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 47  |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'java.awt.event.KeyEvent.VK_ESCAPE' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 48  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 120).  | 109 |
| Warning   |   |                    |   |  |     |

## jpass/ui/StatusPanel.java

| Severity  | Category  | Rule               | Message   | Line   |    |
|---|---|--------------------|---|--|----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29   |    |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.JLabel' | 33 |
| Warning   |  | 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   |     |
|----------|----------|-------------------|---|--|-----|
|          | imports  | CustomImportOrder | Extra separation in import group before 'javax.swing.ImageIcon' | 31   |     |
| Warning  |          | imports           | CustomImportOrder   | Extra separation in import group before 'com.formdev.flatlaf.FlatLaf'  | 35  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.formdev.flatlaf.FlatLaf' import. Should be before 'javax.swing.UIManager'.        | 35  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.formdev.flatlaf.ui.FlatUIUtils' import. Should be before 'javax.swing.UIManager'. | 36  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.formdev.flatlaf.util.UIScale' import. Should be before 'javax.swing.UIManager'.   | 37  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.kitfox.svg.SVGDiagram' import. Should be before 'javax.swing.UIManager'.          | 38  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.kitfox.svg.SVGEException' import. Should be before 'javax.swing.UIManager'.       | 39  |
| Warning  |          | imports           | CustomImportOrder   | Wrong lexicographical order for 'com.kitfox.svg.SVGUniverse' import. Should be before 'javax.swing.UIManager'.         | 40  |
| Warning  |          | javadoc           | SummaryJavadoc  | Summary javadoc is missing.  | 42  |
| Warning  |          | sizes             | LineLength  | Line is longer than 100 characters (found 117).  | 73  |
| Warning  |          | naming            | AbbreviationAsWordInName  | Abbreviation in name 'getIconURL' must contain no more than '1' consecutive capital letters.                           | 77  |
| Warning  |          | whitespace        | WhitespaceAfter   | 'typecast' is not followed by whitespace.  | 88  |
| Warning  |          | whitespace        | WhitespaceAfter   | 'typecast' is not followed by whitespace.  | 94  |
| Warning  |          | sizes             | LineLength  | Line is longer than 100 characters (found 113).  | 102 |
| Warning  |          | whitespace        | WhitespaceAfter   | 'typecast' is not followed by whitespace.  | 106 |
| Warning  |          | sizes             | LineLength  | Line is longer than 100 characters (found 111).  | 109 |

|         |   |            |                 |   |     |
|---------|---|------------|-----------------|---|-----|
| Warning |  | sizes      | LineLength      | Line is longer than 100 characters (found 110). | 148 |
| Warning |  | whitespace | WhitespaceAfter | 'typecast' is not followed by whitespace.       | 170 |
| Warning |   |            |                 |   |     |

## jpass/ui/TextComponentFactory.java

| Severity  | Category  | Rule               | Message   | Line   |
|---|---|--------------------|---|--|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29   |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before<br>'jpass.ui.action.TextComponentActionType' |
| 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   |  | imports            | CustomImportOrder                                 | Extra separation in import group before<br>'jpass.ui.JPassFrame' |
| Warning   |   |                    |   |  |

## jpass/ui/action/MenuActionType.java

| Severity  | Category  | Rule               | Message   | Line   |
|---|---|--------------------|---|--|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29   |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before<br>'javax.swing.Action'              |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before<br>'jpass.ui.GeneratePasswordDialog' |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for<br>'javax.swing.KeyStroke.getKeyStroke' is in the       |
|   |   |                    |   | 46   |

|         |   |         |                               |  |     |
|---------|---|---------|-------------------------------|--|-----|
| Warning |    | imports | CustomImportOrder             | wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.   | 47  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.helper.FileHelper.exportFile' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.    | 48  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.helper.FileHelper.importFile' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.    | 49  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.helper.FileHelper.openFile' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.      | 50  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.helper.FileHelper.saveFile' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.      | 51  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.helper.FileHelper.createNew' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.     | 52  |
| Warning |    | imports | CustomImportOrder             | Import statement for 'jpass.ui.MessageDialog.getIcon' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.           | 53  |
| Warning |  | imports | CustomImportOrder             | Import statement for 'java.awt.event.InputEvent.CTRL_DOWN_MASK' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 54  |
| Warning |  | sizes   | LineLength                    | Import statement for 'java.awt.event.InputEvent.ALT_DOWN_MASK' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 63  |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 105).  | 69  |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 116).  | 75  |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 108).  | 111 |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 132).  | 115 |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 136).  | 121 |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 103).  | 127 |
| Warning |  | sizes   | LineLength                    | Line is longer than 100 characters (found 102).  | 133 |
| Warning |  | misc    | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided.   | 133 |

|         |   |         |                      |   |     |
|---------|---|---------|----------------------|---|-----|
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 112). | 135 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 121). | 146 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 124). | 152 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 139). | 158 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 130). | 164 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 110). | 170 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 118). | 180 |
| Warning |    | sizes   | LineLength           | Line is longer than 100 characters (found 124). | 190 |
| Warning |  | sizes   | LineLength           | Line is longer than 100 characters (found 126). | 200 |
| Warning |  | sizes   | LineLength           | Line is longer than 100 characters (found 115). | 206 |
| Warning |  | javadoc | MissingJavadocMethod | Missing a Javadoc comment.                      | 233 |
| Warning |   |         |                      |   |     |

## jpass/ui/action/TableListener.java

| Severity  | Category  | Rule               | Message   | Line  |     |
|---|---|--------------------|---|---|-----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29  |     |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.JTable'  |     |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before 'jpass.ui.JPassFrame' | 38  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 101).               | 105 |
| Warning   |   |                    |   |   |     |

## jpass/ui/action/TextComponentAction.java

| Severity  | Category  | Rule               | Message   | Line                       |                    |
|---|---|--------------------|---|----------------------------|--------------------|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | <a href="#">29</a>         |                    |
| Warning   |  | javadoc            | MissingJavadocType                                | Missing a Javadoc comment. | <a href="#">35</a> |
| Warning   |  | javadoc            | MissingJavadocMethod                              | Missing a Javadoc comment. | <a href="#">37</a> |
| Warning   |   |                    |   |                            |                    |

## jpass/ui/action/TextComponentActionType.java

| Severity  | Category  | Rule               | Message   | Line   |                     |
|---|---|--------------------|---|--|---------------------|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | <a href="#">29</a>   |                     |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.Action'   | <a href="#">34</a>  |
| Warning   |  | imports            | CustomImportOrder                                 | Extra separation in import group before 'jpass.ui.CopiablePasswordField'   | <a href="#">42</a>  |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'javax.swing.KeyStroke.getKeyStroke' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.       | <a href="#">45</a>  |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'java.awt.event.InputEvent.CTRL_DOWN_MASK' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | <a href="#">46</a>  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 102).  | <a href="#">75</a>  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 102).  | <a href="#">79</a>  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 116).  | <a href="#">98</a>  |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 104).  | <a href="#">101</a> |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 103).  | <a href="#">134</a> |
| Warning   |  | misc               | AvoidEscapedUnicodeCharacters                     | Unicode escape(s) usage should be avoided.   | <a href="#">134</a> |
| Warning   |   |                    |   |  |                     |

|  |         |         |                               |   |     |
|--|---------|---------|-------------------------------|---|-----|
|  | Warning | misc    | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided.      | 134 |
|  | Warning | misc    | AvoidEscapedUnicodeCharacters | Unicode escape(s) usage should be avoided.      | 134 |
|  | Warning | sizes   | LineLength                    | Line is longer than 100 characters (found 114). | 176 |
|  | Warning | sizes   | LineLength                    | Line is longer than 100 characters (found 107). | 189 |
|  | Warning | javadoc | MissingJavadocMethod          | Missing a Javadoc comment.                      | 219 |
|  | Warning |         |                               |   |     |

## jpass/ui/action/TextComponentPopupListener.java

| Severity | Category | Rule       | Message  | Line  |    |
|----------|----------|------------|--|---|----|
|          | Warning  | whitespace | 'package' should be separated from previous line.  | 29  |    |
|          | Warning  | imports    | Extra separation in import group before 'javax.swing.JMenuItem'  | 39  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.CUT' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.        | 43  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.COPY' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.       | 44  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.PASTE' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.      | 45  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.DELETE' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.     | 46  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.CLEAR_ALL' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 47  |    |
|          | Warning  | imports    | Import statement for 'jpass.ui.action.TextComponentActionType.SELECT_ALL' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 48  |    |
|          | Warning  | javadoc    | Missing a Javadoc comment.   | 61  |    |
|          | Warning  | sizes      | LineLength   | Line is longer than 100 characters (found 114). | 82 |
|          | Warning  |            |  |   |    |

|  |       |            |   |    |
|--|-------|------------|---|----|
|  | sizes | LineLength | Line is longer than 100 characters (found 106). | 83 |
| Warning  |       |            |   |    |

## jpass/ui/action/Worker.java

| Severity  | Category   | Rule               | Message   | Line |
|---|------------|--------------------|---|------|
|  | whitespace | EmptyLineSeparator | 'package' should be separated from previous line.             | 29   |
| Warning   |            |                    |   |      |
|  | imports    | CustomImportOrder  | Extra separation in import group before 'jpass.ui.JPassFrame' | 33   |
| Warning   |            |                    |   |      |

## jpass/ui/helper/EntryHelper.java

| Severity  | Category   | Rule               | Message  | Line |
|---|------------|--------------------|--|------|
|    | whitespace | EmptyLineSeparator | 'package' should be separated from previous line.  | 29   |
| Warning   |            |                    |  |      |
|    | imports    | CustomImportOrder  | Import statement for 'jpass.ui.MessageDialog.showErrorMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.    | 36   |
| Warning   |            |                    |  |      |
|  | imports    | CustomImportOrder  | Import statement for 'jpass.ui.MessageDialog.showWarningMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 37   |
| Warning   |            |                    |  |      |
|  | imports    | CustomImportOrder  | Import statement for 'jpass.ui.MessageDialog.showQuestionMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 38   |
| Warning   |            |                    |  |      |
|  | imports    | CustomImportOrder  | Import statement for 'jpass.ui.MessageDialog.YES_NO_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.       | 39   |
| Warning   |            |                    |  |      |
|  | imports    | CustomImportOrder  | Import statement for 'jpass.ui.MessageDialog.YES_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.          | 40   |
| Warning   |            |                    |  |      |
|  | sizes      | LineLength         | Line is longer than 100 characters (found 108).  | 64   |
| Warning   |            |                    |  |      |
|  | sizes      | LineLength         | Line is longer than 100 characters (found 124).  | 66   |
| Warning   |            |                    |  |      |
|  | sizes      | LineLength         | Line is longer than 100 characters (found 103).  | 67   |
| Warning   |            |                    |  |      |
|  | sizes      | LineLength         | Line is longer than 100 characters (found 120).  | 84   |
| Warning   |            |                    |  |      |
|  | sizes      | LineLength         | Line is longer than 100 characters (found 120).  | 105  |
| Warning   |            |                    |  |      |

|  |       |            |   |     |
|--|-------|------------|---|-----|
|  | sizes | LineLength | Line is longer than 100 characters (found 120). | 144 |
| Warning  |       |            |   |     |

## jpass/ui/helper/FileHelper.java

| Severity  | Category  | Rule               | Message   | Line  |    |
|---|---|--------------------|---|---|----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29  |    |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.JFileChooser'  | 35 |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'jpass.data.EntriesRepository'  | 38 |
| Warning   |    | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.showPasswordDialog' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.   | 42 |
| Warning   |    | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.showWarningMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.   | 43 |
| Warning   |   | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.showQuestionMessage' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.  | 44 |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.YES_NO_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.        | 45 |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.YES_NO_CANCEL_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line. | 46 |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'jpass.ui.MessageDialog.NO_OPTION' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.            | 47 |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'jpass.util.StringUtils.stripString' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.          | 48 |
| Warning   |  | imports            | CustomImportOrder                                 | Import statement for 'java.lang.String.format' is in the wrong order. Should be in the 'STATIC' group, expecting not assigned imports on this line.                     | 49 |
| Warning   |  | whitespace         | OperatorWrap                                      | '+' should be on a new line.  | 51 |
| Warning   |  | whitespace         | OperatorWrap                                      | '+' should be on a new line.  | 61 |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 107).   | 64 |

|         |   |         |                |  |     |
|---------|---|---------|----------------|--|-----|
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 106).        | 125 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 107).        | 147 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 105).        | 169 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 112).        | 202 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 116).        | 230 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 107).        | 269 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 115).        | 299 |
| Warning |    | sizes   | LineLength     | Line is longer than 100 characters (found 107).        | 337 |
| Warning |  | sizes   | LineLength     | Line is longer than 100 characters (found 125).        | 338 |
| Warning |  | sizes   | LineLength     | Line is longer than 100 characters (found 120).        | 344 |
| Warning |  | sizes   | LineLength     | Line is longer than 100 characters (found 102).        | 348 |
| Warning |  | sizes   | LineLength     | Line is longer than 100 characters (found 115).        | 366 |
| Warning |  | sizes   | LineLength     | Line is longer than 100 characters (found 132).        | 398 |
| Warning |  | javadoc | SummaryJavadoc | First sentence of Javadoc is missing an ending period. | 406 |
| Warning |   |         |                |  |     |

## jpass/util/ClipboardUtils.java

| Severity  | Category   | Rule               | Message   | Line |
|---|------------|--------------------|---|------|
|  | whitespace | EmptyLineSeparator | 'package' should be separated from previous line. | 29   |
| Warning   | sizes      | LineLength         | Line is longer than 100 characters (found 103).   | 82   |

|   |         |            |   |    |
|---|---------|------------|---|----|
|   | Warning |            |   |    |
|  | sizes   | LineLength | Line is longer than 100 characters (found 103). | 96 |
|  | Warning |            |   |    |

## jpass/util/Configuration.java

| Severity  | Category   | Rule                 | Message   | Line |
|---|------------|----------------------|---|------|
|  | whitespace | EmptyLineSeparator   | 'package' should be separated from previous line. | 29   |
|  | sizes      | LineLength           | Line is longer than 100 characters (found 121).   | 83   |
|  | javadoc    | MissingJavadocMethod | Missing a Javadoc comment.                        | 101  |
|  | 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   |
|  | naming     | AbbreviationAsWordInName | Abbreviation in name 'getPKCS5Sha256Hash' must contain no more than '1' consecutive capital letters. | 55   |
|  | 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   |
|  | javadoc    | MissingJavadocType   | Missing a Javadoc comment.                        | 41   |
|  | javadoc    | MissingJavadocMethod | Missing a Javadoc comment.                        | 44   |
|  | sizes      | LineLength           | Line is longer than 100 characters (found 122).   | 49   |

|         |   |         |                      |   |    |
|---------|---|---------|----------------------|---|----|
| Warning |  | javadoc | MissingJavadocMethod | Missing a Javadoc comment.                      | 55 |
| Warning |  | sizes   | LineLength           | Line is longer than 100 characters (found 129). | 65 |
| Warning |   |         |                      |   |    |

## jpass/util/SpringUtilities.java

| Severity  | Category  | Rule               | Message   | Line   |     |
|---|---|--------------------|---|--|-----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 31   |     |
| Warning   |    | imports            | CustomImportOrder                                 | Extra separation in import group before 'javax.swing.Spring'                                     | 36  |
| Warning   |    | sizes              | LineLength  | Line is longer than 100 characters (found 119).  | 61  |
| Warning   |    | naming             | ParameterName                                     | Parameter name 'xPad' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.                    | 61  |
| Warning   |  | naming             | ParameterName                                     | Parameter name 'yPad' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.                    | 61  |
| Warning   |  | naming             | LocalVariableName                                 | Local variable name 'xPadSpring' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.         | 69  |
| Warning   |  | naming             | LocalVariableName                                 | Local variable name 'yPadSpring' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.         | 70  |
| Warning   |  | 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   |  | naming             | LocalVariableName                                 | Local variable name 'pCons' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.              | 117 |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 113).  | 125 |
| Warning   |  | sizes              | LineLength  | Line is longer than 100 characters (found 104).  | 145 |
| Warning   |  | naming             | ParameterName                                     | Parameter name 'xPad' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.                    | 146 |
| Warning   |   | naming             | ParameterName                                     | Parameter name 'yPad' must match pattern '^([a-z]([a-z0-9][a-zA-Z0-9]*)?\$',.                    | 146 |

|         |        |                   |  |     |
|---------|--------|-------------------|--|-----|
|         |        |                   | ([a-z0-9][a-zA-Z0-9]*?)\$'.  |     |
| Warning | naming | LocalVariableName | Local variable name 'pCons' must match pattern '^([a-z]([a-zA-Z0-9]*?)\$'. | 185 |
| Warning |        |                   |  |     |

## jpass/util/StringUtils.java

| Severity | Category   | Rule                     | Message  | Line |
|----------|------------|--------------------------|--|------|
|          | 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.   | 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                       |    |
|---|---|--------------------|---|----------------------------|----|
|  | whitespace  | EmptyLineSeparator | 'package' should be separated from previous line. | 29                         |    |
| Warning   |  | javadoc            | MissingJavadocMethod                              | Missing a Javadoc comment. | 51 |
| Warning   |   |                    |   |                            |    |