SpotBugs Bug Detector Report

The following document contains the results of SpotBugs

SpotBugs Version is *4.7.2*

Threshold is *medium*

Effort is *default*

Summary

Classes	Bugs	Errors	Missing Classes
74	27	0	0

Files

Class	Bugs
jpass.crypt.Cbc	1
jpass.data.DataModel	3
jpass.ui.GeneratePasswordDialog	1
jpass.ui.JPassFrame	5
jpass.ui.SvgImageIcon	1
jpass.ui.action.MenuActionType	1
jpass.ui.action.TextComponentActionType	1
jpass.ui.action.Worker	1
jpass.ui.helper.FileHelper	2
jpass.ui.helper.FileHelper$1	1
jpass.ui.helper.FileHelper$2	1
jpass.ui.helper.FileHelper$3	1
jpass.ui.helper.FileHelper$4	1
jpass.ui.helper.FileHelper$5	1
jpass.util.Configuration	1
jpass.util.DateUtils	3
jpass.util.StringUtils	1
jpass.xml.bind.Entries	1

jpass.crypt.Cbc

Bug	Category	Details	Line	Priority
new jpass.crypt.Cbc(byte[], byte[], OutputStream) may expose internal representation by storing an externally mutable object into Cbc._output	MALICIOUS_CODE	EI_EXPOSE_REP2	109	Medium

jpass.data.DataModel

Bug	Category	Details	Line	Priority
jpass.data.DataModel.getPassword() may expose internal representation by returning DataModel.password	MALICIOUS_CODE	EI_EXPOSE_REP	123	Medium
jpass.data.DataModel.setPassword(byte[]) may expose internal representation by storing an externally mutable object into DataModel.password	MALICIOUS_CODE	EI_EXPOSE_REP2	127	Medium
Public static jpass.data.DataModel.getInstance() may expose internal representation by returning DataModel.INSTANCE	MALICIOUS_CODE	MS_EXPOSE_REP	65	Medium

jpass.ui.GeneratePasswordDialog

Bug	Category	Details	Line	Priority
jpass.ui.GeneratePasswordDialog.actionPerformed(ActionEvent) concatenates strings using + in a loop	PERFORMANCE	SBSC_USE_STRINGBUFFER_CONCATENATION	224	Medium

jpass.ui.JPassFrame

Bug	Category	Details	Line	Priority
jpass.ui.JPassFrame.getEntryTitleTable() may expose internal representation by returning JPassFrame.entryDetailsTable	MALICIOUS_CODE	EI_EXPOSE_REP	230	Medium
jpass.ui.JPassFrame.getModel() may expose internal representation by returning JPassFrame.model	MALICIOUS_CODE	EI_EXPOSE_REP	239	Medium

jpass.ui.JPassFrame.getPopup() may expose internal representation by returning JPassFrame.popup	MALICIOUS_CODE	EI_EXPOSE_REP	316	Medium
jpass.ui.JPassFrame.getSearchPanel() may expose internal representation by returning JPassFrame.searchPanel	MALICIOUS_CODE	EI_EXPOSE_REP	349	Medium
Public static jpass.ui.JPassFrame.getInstance(String) may expose internal representation by returning JPassFrame.INSTANCE	MALICIOUS_CODE	MS_EXPOSE_REP	221	Medium

jpass.ui.SvgImageIcon

Bug	Category	Details	Line	Priority
Possible null pointer dereference of url in jpass.ui.SvgImageIcon.update()	CORRECTNESS	NP_NULL_ON_SOME_PATH	71	Medium

jpass.ui.action.MenuActionType

Bug	Category	Details	Line	Priority
jpass.ui.action.MenuActionType.getAction() may expose internal representation by returning MenuActionType.action	MALICIOUS_CODE	EI_EXPOSE_REP	226	Medium

jpass.ui.action.TextComponentActionType

Bug	Category	Details	Line	Priority
jpass.ui.action.TextComponentActionType.getAction() may expose internal representation by returning TextComponentActionType.action	MALICIOUS_CODE	EI_EXPOSE_REP	212	Medium

jpass.ui.action.Worker

Bug	Category	Details	Line	Priority
new jpass.ui.action.Worker(JPassFrame) may expose internal representation by storing an externally mutable object into Worker.parent	MALICIOUS_CODE	EI_EXPOSE_REP2	56	Medium

jpass.ui.helper.FileHelper

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper.checkFileOverwrite(String, JPassFrame)	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	398	Medium
Format string should use %n rather than \n in jpass.ui.helper.FileHelper.handleFileNotFound(JPassFrame, String, byte[])	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	338	Medium

jpass.ui.helper.FileHelper$1

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper$1.doInBackground()	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	127	Medium

jpass.ui.helper.FileHelper$2

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper$2.doInBackground()	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	175	Medium

jpass.ui.helper.FileHelper$3

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper$3.doInBackground()	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	235	Medium

jpass.ui.helper.FileHelper$4

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper$4.doInBackground()	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	308	Medium

jpass.ui.helper.FileHelper$5

Bug	Category	Details	Line	Priority
Format string should use %n rather than \n in jpass.ui.helper.FileHelper$5.doInBackground()	BAD_PRACTICE	VA_FORMAT_STRING_USES_NEWLINE	348	Medium

jpass.util.Configuration

Bug	Category	Details	Line	Priority
new jpass.util.Configuration() may fail to clean up java.io.InputStream on checked exception	EXPERIMENTAL	OBL_UNSATISFIED_OBLIGATION_EXCEPTION_EDGE	53	Medium

jpass.util.DateUtils

Bug	Category	Details	Line	Priority
Do not catch NullPointerException like in jpass.util.DateUtils.createFormatter(String)	STYLE	DCN_NULLPOINTER_EXCEPTION	48	Medium
Do not catch NullPointerException like in jpass.util.DateUtils.formatIsoDateTime(String, DateTimeFormatter)	STYLE	DCN_NULLPOINTER_EXCEPTION	59	Medium
Do not catch NullPointerException like in jpass.util.DateUtils.formatIsoDateTime(String, DateTimeFormatter)	STYLE	DCN_NULLPOINTER_EXCEPTION	64	Medium

jpass.util.StringUtils

Bug	Category	Details	Line	Priority
Useless condition: it's always current < 65536 (0x10000) because variable type is char	STYLE	UC_USELESS_CONDITION_TYPE	60	High

jpass.xml.bind.Entries

Bug	Category	Details	Line	Priority
jpass.xml.bind.Entries.getEntry() may expose internal representation by returning Entries.entry	MALICIOUS_CODE	EI_EXPOSE_REP	56	Medium