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
40	25	0	0

Files

Class	Bugs
de.dominik_geyer.jtimesched.JTimeSchedApp	2
de.dominik_geyer.jtimesched.JTimeSchedApp$1	1
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame	4
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$8	1
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$JTimeSchedGUILogHandler	1
de.dominik_geyer.jtimesched.gui.table.ColorCellEditor	2
de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer	1
de.dominik_geyer.jtimesched.gui.table.DateCellEditor	2
de.dominik_geyer.jtimesched.gui.table.ProjectTable	1
de.dominik_geyer.jtimesched.gui.table.TimeCellEditor	1
de.dominik_geyer.jtimesched.project.Project	4
de.dominik_geyer.jtimesched.project.ProjectSerializer	2
de.dominik_geyer.jtimesched.project.ProjectTableModel	3

de.dominik_geyer.jtimesched.JTimeSchedApp

Bug	Category	Details	Line	Priority
Public static de.dominik_geyer.jtimesched.JTimeSchedApp.getLogger() may expose internal representation by returning JTimeSchedApp.LOGGER	MALICIOUS_CODE	MS_EXPOSE_REP	129	Medium
Exceptional return value of java.io.File.mkdir() ignored in de.dominik_geyer.jtimesched.JTimeSchedApp.main(String[])	BAD_PRACTICE	RV_RETURN_VALUE_IGNORED_BAD_PRACTICE	55	Medium

de.dominik_geyer.jtimesched.JTimeSchedApp$1

Bug	Category	Details	Line	Priority
Exceptional return value of java.io.File.delete() ignored in de.dominik_geyer.jtimesched.JTimeSchedApp$1.run()	BAD_PRACTICE	RV_RETURN_VALUE_IGNORED_BAD_PRACTICE	113	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame

Bug	Category	Details	Line
new de.dominik_geyer.jtimesched.gui.JTimeSchedFrame() invokes System.exit(...), which shuts down the entire virtual machine	BAD_PRACTICE	DM_EXIT	155
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame.handleStartPause(Project) may expose internal representation by storing an externally mutable object into JTimeSchedFrame.currentProject	MALICIOUS_CODE	EI_EXPOSE_REP2	480
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame.backupProjects() may fail to clean up java.io.InputStream on checked exception	EXPERIMENTAL	OBL_UNSATISFIED_OBLIGATION_EXCEPTION_EDGE	710
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame.backupProjects() may fail to clean up java.io.OutputStream on checked exception	EXPERIMENTAL	OBL_UNSATISFIED_OBLIGATION_EXCEPTION_EDGE	711

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$8

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$8.actionPerformed(ActionEvent) invokes System.exit(...), which shuts down the entire virtual machine	BAD_PRACTICE	DM_EXIT	605	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$JTimeSchedGUILogHandle

Bug	Category	Details	Line	Priority
Should de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$JTimeSchedGUILogHandler be a _static_ inner class?	PERFORMANCE	SIC_INNER_SHOULD_BE_STATIC	1006	Medium

de.dominik_geyer.jtimesched.gui.table.ColorCellEditor

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.gui.table.ColorCellEditor.getTableCellEditorComponent(JTable, Object, boolean, int, int) may expose internal representation by returning ColorCellEditor.btnEdit	MALICIOUS_CODE	EI_EXPOSE_REP	53	Medium
new de.dominik_geyer.jtimesched.gui.table.ColorCellEditor(JFrame) may expose internal representation by storing an externally mutable object into ColorCellEditor.parent	MALICIOUS_CODE	EI_EXPOSE_REP2	42	Medium

de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer

Bug	Category	Details	Line	Priority
Unchecked/unconfirmed cast from javax.swing.JTable to de.dominik_geyer.jtimesched.gui.table.ProjectTable in de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer.getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int)	STYLE	BC_UNCONFIRMED_CAST	62	Medium

de.dominik_geyer.jtimesched.gui.table.DateCellEditor

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.gui.table.DateCellEditor.getTableCellEditorComponent(JTable, Object, boolean, int, int) may expose internal representation by returning DateCellEditor.tfEdit	MALICIOUS_CODE	EI_EXPOSE_REP	67	Medium
de.dominik_geyer.jtimesched.gui.table.DateCellEditor.getTableCellEditorComponent(JTable, Object, boolean, int, int) may expose internal representation by storing an externally mutable object into DateCellEditor.oldDate	MALICIOUS_CODE	EI_EXPOSE_REP2	63	Medium

de.dominik_geyer.jtimesched.gui.table.ProjectTable

Bug	Category	Details	Line	Priority
new de.dominik_geyer.jtimesched.gui.table.ProjectTable(JFrame, ProjectTableModel) may expose internal representation by storing an externally mutable object into ProjectTable.parentFrame	MALICIOUS_CODE	EI_EXPOSE_REP2	51	Medium

de.dominik_geyer.jtimesched.gui.table.TimeCellEditor

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.gui.table.TimeCellEditor.getTableCellEditorComponent(JTable, Object, boolean, int, int) may expose internal representation by returning TimeCellEditor.tfEdit	MALICIOUS_CODE	EI_EXPOSE_REP	66	Medium

de.dominik_geyer.jtimesched.project.Project

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.project.Project.getTimeCreated() may expose internal representation by returning Project.timeCreated	MALICIOUS_CODE	EI_EXPOSE_REP	72	Medium
de.dominik_geyer.jtimesched.project.Project.getTimeStart() may expose internal representation by returning Project.timeStart	MALICIOUS_CODE	EI_EXPOSE_REP	76	Medium
de.dominik_geyer.jtimesched.project.Project.setTimeCreated(Date) may expose internal representation by storing an externally mutable object into Project.timeCreated	MALICIOUS_CODE	EI_EXPOSE_REP2	100	Medium
de.dominik_geyer.jtimesched.project.Project.setTimeStart(Date) may expose internal representation by storing an externally mutable object into Project.timeStart	MALICIOUS_CODE	EI_EXPOSE_REP2	108	Medium

de.dominik_geyer.jtimesched.project.ProjectSerializer

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.project.ProjectSerializer.writeXml(List) invokes inefficient new Integer(int) constructor; use Integer.valueOf(int) instead	PERFORMANCE	DM_NUMBER_CTOR	63	Medium
de.dominik_geyer.jtimesched.project.ProjectSerializer.writeXml(List) invokes inefficient new Long(long) constructor; use Long.valueOf(long) instead	PERFORMANCE	DM_NUMBER_CTOR	82	Medium

de.dominik_geyer.jtimesched.project.ProjectTableModel

Bug	Category	Details	Line	Priority
de.dominik_geyer.jtimesched.project.ProjectTableModel.getValueAt(int, int) invokes inefficient Boolean constructor; use Boolean.valueOf(...) instead	PERFORMANCE	DM_BOOLEAN_CTOR	73	Medium
de.dominik_geyer.jtimesched.project.ProjectTableModel.getValueAt(int, int) invokes inefficient new Integer(int) constructor; use Integer.valueOf(int) instead	PERFORMANCE	DM_NUMBER_CTOR	82	Medium
new de.dominik_geyer.jtimesched.project.ProjectTableModel(ArrayList) may expose internal representation by storing an externally mutable object into ProjectTableModel.arPrj	MALICIOUS_CODE	EI_EXPOSE_REP2	49	Medium