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file:///home/dianaamfreitas/Desktop/test_jtimesched/jtimesched/target/site/spotbugs.html
jTimeSched -- Time tracking application – SpotBugs Bug Detector Report

jTimeSched -- Time tracking application

Last Published: $dateValue | Version: 1.2-SNAPSHOT

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Built by
maven

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	31	0	0

Files

Class	Bugs
de.dominik_geyer.jtimesched.JTimeSchedApp	1
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.JTimeSchedFrame$TimeSchedTableHeaderMouseListener	1
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableKeyListener	1
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableMouseListener	1
de.dominik_geyer.jtimesched.gui.table.ColorCellEditor	2
de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer	2
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.gui.table.TimeCellRenderer	2
de.dominik_geyer.jtimesched.project.Project	4
de.dominik_geyer.jtimesched.project.ProjectSerializer	2
de.dominik_geyer.jtimesched.project.ProjectTableModel	4

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 ⏷	138	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 ⏷	122	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame

Bug	Category	Details	Line	Priority
new de.dominik_geyer.jtimesched.gui.JTimeSchedFrame() invokes System.exit(...), which shuts down the entire virtual machine	BAD_PRACTICE	DM_EXIT ⏷	157	Medium
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 ⏷	481	Medium
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame.backupProjects() may fail to clean up java.io.InputStream on checked exception	EXPERIMENTAL	OBL_UNSATISFIED_OBLIGATION_EXCEPTION_EDGE ⏷	711	Medium
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame.backupProjects() may fail to clean up java.io.OutputStream on checked exception	EXPERIMENTAL	OBL_UNSATISFIED_OBLIGATION_EXCEPTION_EDGE ⏷	712	Medium

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 ⏷	606	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$JTimeSchedGUILogHandler

Bug	Category	Details	Line	Priority
Should de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$JTimeSchedGUILogHandler be a _static_ inner class?	PERFORMANCE	SIC_INNER_SHOULD_BE_STATIC ⏷	997-1014	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableHeaderMouseListener

Bug	Category	Details	Line	Priority
Switch statement found in de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableHeaderMouseListener.showPopup(MouseEvent) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	882-948	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableKeyListener

Bug	Category	Details	Line	Priority
Switch statement found in de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableKeyListener.keyPressed(KeyEvent) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	975-982	Medium

de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableMouseListener

Bug	Category	Details	Line	Priority
Switch statement found in de.dominik_geyer.jtimesched.gui.JTimeSchedFrame$TimeSchedTableMouseListener.mouseClicked(MouseEvent) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	818-852	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 ⏷	55	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 ⏷	44	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 ⏷	64	Medium
Switch statement found in de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer.getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	59-109	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 ⏷	69	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 ⏷	65	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 ⏷	53	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 ⏷	68	Medium

de.dominik_geyer.jtimesched.gui.table.TimeCellRenderer

Bug	Category	Details	Line	Priority
? is null guaranteed to be dereferenced in de.dominik_geyer.jtimesched.gui.table.TimeCellRenderer.getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int) on exception path	CORRECTNESS	NP_GUARANTEED_DEREF_ON_EXCEPTION_PATH ⏷	66	Medium
Switch statement found in de.dominik_geyer.jtimesched.gui.table.TimeCellRenderer.getTableCellRendererComponent(JTable, Object, boolean, boolean, int, int) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	47-56	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 ⏷	66	Medium
de.dominik_geyer.jtimesched.project.ProjectSerializer.writeXml(List) invokes inefficient new Long(long) constructor; use Long.valueOf(long) instead	PERFORMANCE	DM_NUMBER_CTOR ⏷	86	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 ⏷	75	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 ⏷	84	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 ⏷	51	Medium
Switch statement found in de.dominik_geyer.jtimesched.project.ProjectTableModel.setValueAt(Object, int, int) where default case is missing	STYLE	SF_SWITCH_NO_DEFAULT ⏷	154-192	Medium