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

## jTimeSched -- Time tracking application

jTimeSched -- Time tracking application Last Published: \$dateValue | Version: 1.2-SNAPSHOT



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	27	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.JTimeSchedGUILogHandler	1
de.dominik_geyer.jtimesched.gui.JTimeSchedFrame\$Tim	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.ProjectTableModel	2

#### 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 D	122	Medium

#### de.dominik\_geyer.jtimesched.gui.JTimeSchedFrame

Run	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 🕏	191	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	1 100000	Medium
			711	
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 D	997-1014	Medium

## de.dominik\_geyer.jtimesched.gui.JTimeSchedFrame\$TimeSchedTableHeaderMouseListener

Bug Details Line Priority	Switch statement found in de dominik, gever itimesched gui .1TimeSchedFrame\$TimeSchedTableHeaderMouseListener showPopun(MouseEvent) where default case is missing	STYLE	SE SWITCH NO DEFAULT	882-948	Medium
	Bug	Category	Details	Line	Priority

# 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 gever.itimesched.gui.JTimeSchedFrame\$TimeSchedTableMouseListener.mouseClicked(MouseEvent) where default case is missing	STYLE	SE 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.CustomCellRenderer.getTableCellRenderer.getTableCellRenderer.getTable.Object, boolean, int, int)	STYLE	BC_UNCONFIRMED_CAST	64	Medium
Switch statement found in de.dominik_geyer.jtimesched.gui.table.CustomCellRenderer.getTableCe	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.TimeCo	CellEditor.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.getTableCellRenderer.getTable, Object, boolean, int, int) on exception path	CORRECTNESS	NP_GUARANTEED_DEREF_ON_EXCEPTION_PATH D	63	Medium
Switch statement found in de.dominik_geyer.jtimesched.gui.table.TimeCellRenderer.getTableCellRendererComponent(JTable, Object, 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 Ø	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, gever itimesched project Project setTimeStart(Date) may expose internal representation by storing an externally mutable object into Project timeStart	MALICIOUS CODE	FLEXPOSE REP2 10	108	Medium

new de.dominik\_geyer.jtimesched.project.ProjectTableModel(ArrayList) may expose internal representation by storing an externally mutable object into ProjectTableModel.arPrj

Switch statement found in de.dominik\_geyer.jtimesched.project.ProjectTableModel.setValueAt(Object, int, int) where default case is missing

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.ProjectTableModel				

MALICIOUS\_CODE

STYLE

SF\_SWITCH\_NO\_DEFAULT

Medium

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