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Thread: [JTable losing TableModelListener](#)

matt - April 1, 2017, 2:58 pm

Whilst using `JTable::setAutoCreateRowSorter` to sort each column, my `JTable` loses it's `TableModelListener` so once I've sorted it by clicking on a column it changes the table model, which in turn also removes the model listener. How can I avoid this?

Weco - April 1, 2017, 5:39 pm

Can you please share your code?

matt - April 1, 2017, 8:29 pm

(Apr 1, 2017 05:39 PM)Weco Wrote: [\[CITE\]](#) Can you please share your code?
Code package `epicurus.model.players`;

```
import java.awt.BorderLayout;
import java.lang.reflect.Field;
import java.lang.reflect.Modifier;
import java.util.ArrayList;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.ListSelectionModel;
import javax.swing.border.EmptyBorder;
import javax.swing.table.DefaultTableModel;

public class PlayerEditor extends JFrame {

    private static final long serialVersionUID = -272486423825973828L;
    private JPanel contentPane;
    private JTable table;
    private DefaultTableModel tableModel;
    private String player;
    private ArrayList<Field> fields;

    @SuppressWarnings("serial")
    public PlayerEditor(String player) {
        setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);
        setBounds(100, 100, 602, 371);
        setTitle(this.player = player);

        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(new BorderLayout(0, 0));
        JScrollPane scrollPane = new JScrollPane();
        contentPane.add(scrollPane, BorderLayout.CENTER);
        table = new JTable();
```

```

        table.setAutoCreateRowSorter(true);
table.getTableHeader().setReorderingAllowed(false);
table.getTableHeader().setResizingAllowed(false);
table.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);
table.setModel(new DefaultTableModel(null, new String[] { "Type", "Name", "Value" }) {
    public boolean isCellEditable(int row, int column) {
        return column == 2;
    }
});
table.getColumnModel().getColumn(2).setPreferredWidth(224);
scrollPane.setViewportView(table);
this.tableModel = (DefaultTableModel) table.getModel();
init();
table.getModel().addTableModelListener((e) -> {
    save();
});
}

```

```

//sensitive code
}

```