

Forum:[Hack Forums](#)

Thread: [Updating data in JTable when object changes.](#)

I Freeze - January 25, 2015, 7:54 am

Hey.

Let's say I have this JTable:

```
Code private JScrollPane scrollPane1;
private JTable table;
private DefaultTableModel model;

DefaultTableModel model = new DefaultTableModel();
model.addColumn("Item");
model.addColumn("ID");
model.addColumn("Price");
model.addColumn("Category");

this.scrollPane1 = new JScrollPane();
this.scrollPane1.setBounds(33, 518, 604, 300);
this.contentPane.add(this.scrollPane1);
table = new JTable(model);
this.scrollPane1.setViewportView(table);
```

I have an Item class, so when I create a new instance of Item, I add the items info to the JTable:

```
Code Item item = new Item("Shovel", 1, 123, "Tools");
model.addRow(new Object[]{item.getItem(), item.getID(), item.getPrice(), item.getCategory()});
```

So far so good.

But if I update the Item, for example change the price from 5 to 10, it is not updated in the JTable. So if I for example do:

Code `item.setPrice(10);` It doesn't update in the JTable. I've tried calling `model.fireTableDataChanged();` and `table.repaint();` but none of them works. It seems like the value in the cell is not associated with the object's value? How would I do this? (First time working with JTables).

Any suggestions? Don't be bothered by the lack of methods etc., I just put this together quickly for this post.

??Austin?? - January 25, 2015, 8:58 am

This is a Stack Overflow answer:

If you want to notify your JTable about changes of your data, use `tableModel.fireTableDataChanged()`

From the documentation:

Notifies all listeners that all cell values in the table's rows may have changed. The number of rows may also have changed and the JTable should redraw the table from scratch. The structure of the table (as in the order of the columns) is assumed to be the same.

I Freeze - January 25, 2015, 9:09 am

(Jan 25, 2015 09:58 AM)?---Abyte ---? Wrote: [\[CITE\]](#) This is a Stack Overflow answer:

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Yeah, I already tried that. The problem is the cell is not associated with the objects variable. It's simply copied. So when I update the object, it's not updated in the cell. I think I have to use an `AbstractTableModel`, but I'm still trying to figure it out..

Dialog - January 25, 2015, 9:42 am

I haven't worked with JTables a lot, but you could implement the observer design pattern to be notified when your data is changed.

Here's a brief example: <http://pastebin.com/uqdmjyv0>

Instantiating caller will print
Code The item has been changed!
The new name is An other item