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Allow columns to be rearranged in file system browser

Code changes

Below you find the code changes to review. The old version of the code is on the left, the new version is on the right.

To add a review remark, click on the respective line number. To delete it, click on it again and delete the remark's text. If a defect spans multiple lines, just mark one of those lines. If similar defects appear multiple times, please mark every occurrence. If you suspect something could be a defect but are not 100% sure, it's better to add a review remark.

At several of the change parts, you can show the whole changed method by clicking on "(Show more context)".

org/experiment/editor/browser/VFSDirectoryEntryTable.java, constructor

```
66     setDefaultRenderer(Entry.class,
67         renderer = new FileCellRenderer());
68
69     header = getTableHeader();
70     header.setReorderingAllowed(false);
71     addMouseListener(new MainMouseHandler());
72     header.addMouseListener(new MouseHandler());
73     header.setDefaultRenderer(new HeaderRenderer(
74         (DefaultTableCellRenderer)header.getDefaultRenderer()));
```

org/experiment/editor/browser/VFSDirectoryEntryTable.java, constructor
[\(Show more context\)](#)

```
66     setDefaultRenderer(Entry.class,
67         renderer = new FileCellRenderer());
68
69     header = getTableHeader();
70     header.setReorderingAllowed(true);
71     addMouseListener(new MainMouseHandler());
72     header.addMouseListener(new MouseHandler());
73     header.setDefaultRenderer(new HeaderRenderer(
74         (DefaultTableCellRenderer)header.getDefaultRenderer()));
```

org/experiment/editor/browser/VFSDirectoryEntryTableModel.java

275

org/experiment/editor/browser/VFSDirectoryEntryTableModel.java, columnMoved()

```
275     protected void columnMoved(int from, int to) {
276         if (from == to)
277             return;
278         if (from < 1 || from >= getColumnCount())
279             return;
280         if (to < 1 || to >= getColumnCount())
281             return;
282         ExtendedAttribute ea = extAttrs.remove(from - 1);
283         extAttrs.add(to - 1, ea);
284     }
285
```

org/experiment/editor/browser/VFSDirectoryEntryTable.java

org/experiment/editor/browser/VFSDirectoryEntryTable.java [\(Show more context\)](#)

```
574 class ColumnHandler implements TableColumnModelListener
575 {
576     public void columnAdded(TableColumnModelEvent e) {}
577     public void columnRemoved(TableColumnModelEvent e) {}
578     public void columnMoved(TableColumnModelEvent e) {}
579     public void columnSelectionChanged(ListSelectionEvent e) {}
580
581     public void columnMarginChanged(ChangeEvent e)
582     {
```

```
574 class ColumnHandler implements TableColumnModelListener
575 {
576     public void columnAdded(TableColumnModelEvent e) {}
577     public void columnRemoved(TableColumnModelEvent e) {}
578     public void columnMoved(TableColumnModelEvent e) {
579         ((VFSDirectoryEntryTableModel)getModel()).columnMoved(
580             e.getToIndex(), e.getFromIndex());
581     }
582     public void columnSelectionChanged(ListSelectionEvent e) {}
583
584     public void columnMarginChanged(ChangeEvent e)
585     {
```

Re-show introduction Pause

We would now like to ask some questions on the change you just reviewed:

In which of these classes was a method added?

- VFSDirectoryEntryTableModel
- VFSDirectoryEntryTable
- VFSDirectoryEntryTable.ColumnHandler
- I don't know

Which of these statements is true for column identifiers in a TableColumnModelEvent?

- They are Strings.
- They are zero-based integers (i.e., the smallest valid column index is 0).
- They are one-based integers (i.e., the smallest valid column index is 1).
- I don't know

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