

Example: Building a JTable from an Array

```
Object [][] runs =  
    {  
        { "Jan 2, 1998", "3:48:13", new Double (26.2) },  
        { "Jan 3, 1998", "1:39:18", new Double (13.1) },  
    };
```

```
String[] colNames = { "Date", "Time", "Distance" };
```

```
JTable table = new JTable ( runs, colNames );
```

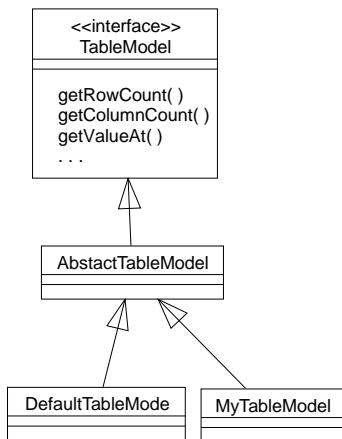
```
JScrollPane jsp = new JScrollPane ( table );
```

```
Container cp = jf.getContentPane();
```

```
cp.add ( jsp );
```

- Here we create a JTable with a constructor that creates the table model from the contents of an array
- This is simple, but not very flexible -- we will cover a "better" way in a moment

Writing a Custom Table Model



```
public class MyTableModel
    extends AbstractTableModel
{
    private Vector ivRunList = new Vector();
    public int getColumnCount()
    {
        return 3;
    }

    public int getRowCount()
    {
        return ivRunList.size();
    }

    public Object getValueAt ( int row, int col )
    {
        . . .
    }
}
```

- `AbstractTableModel` serves as the superclass for most real table models
- Minimally, you need to override the `getRowCount`, `getColumnCount` and `getValueAt` methods

