

## How to import Excel file into [JTable](#)

Here are three way to do this.

1. Use "JTableReadTableModelTask " to do this. ( recommended )
2. Use "ReadTableModelTask" to do this
3. Use [ModelIO](#) to do this.

The first and second the way will run in the background thread, the third way will run in current thread.

### 1.Use "JTableReadTableModelTask " to do this. (recommended)

Here is the sample code to import excel file:

```
JTable jTable = new JTable();
String excelFileName = "excelFileName.xls";
File file = new File(excelFileName ); //‘file’ is the file you want to load.
JProgressBar progressBar = new JProgressBar(); //‘progressBar’ will show how much data it have loaded.
JTableReadTableModelTask task = new JTableReadTableModelTask(file, null, progressBar, jTable);
task.execute();
```

### 2.Use "ReadTableModelTask" to do this

Use ReadTableModelTask, you must inherit it first, and override its method done(),in the done method, you can use following statement to get a TableModel, this is not convenient, so we recommend the first way to do this:

```
Object o = get();
if(o instanceof TableModel) {
    TableModel model = (TableModel)get();
}
```

### 3.Use [ModelIO](#) to do this.

Here is the sample code, also you could put the following code into a background thread, For example: use `javax.swing.SwingWorker`.

```
Map m = new HashMap();
// you could set progressBar in the map,for example: m.put(ModelIO.PROGRESS_BAR, progressBar);
Workbook book = ModelIO.readWorkbook(openUrl, format, m);
TableModel tableModel;
if(book.getSelectedSheet() != null) {
    tableModel = book.getSelectedSheet().getModel();
} else if(book.getSheetCount() > 0) {
    tableModel = book.getSheet(0).getModel();
}
```