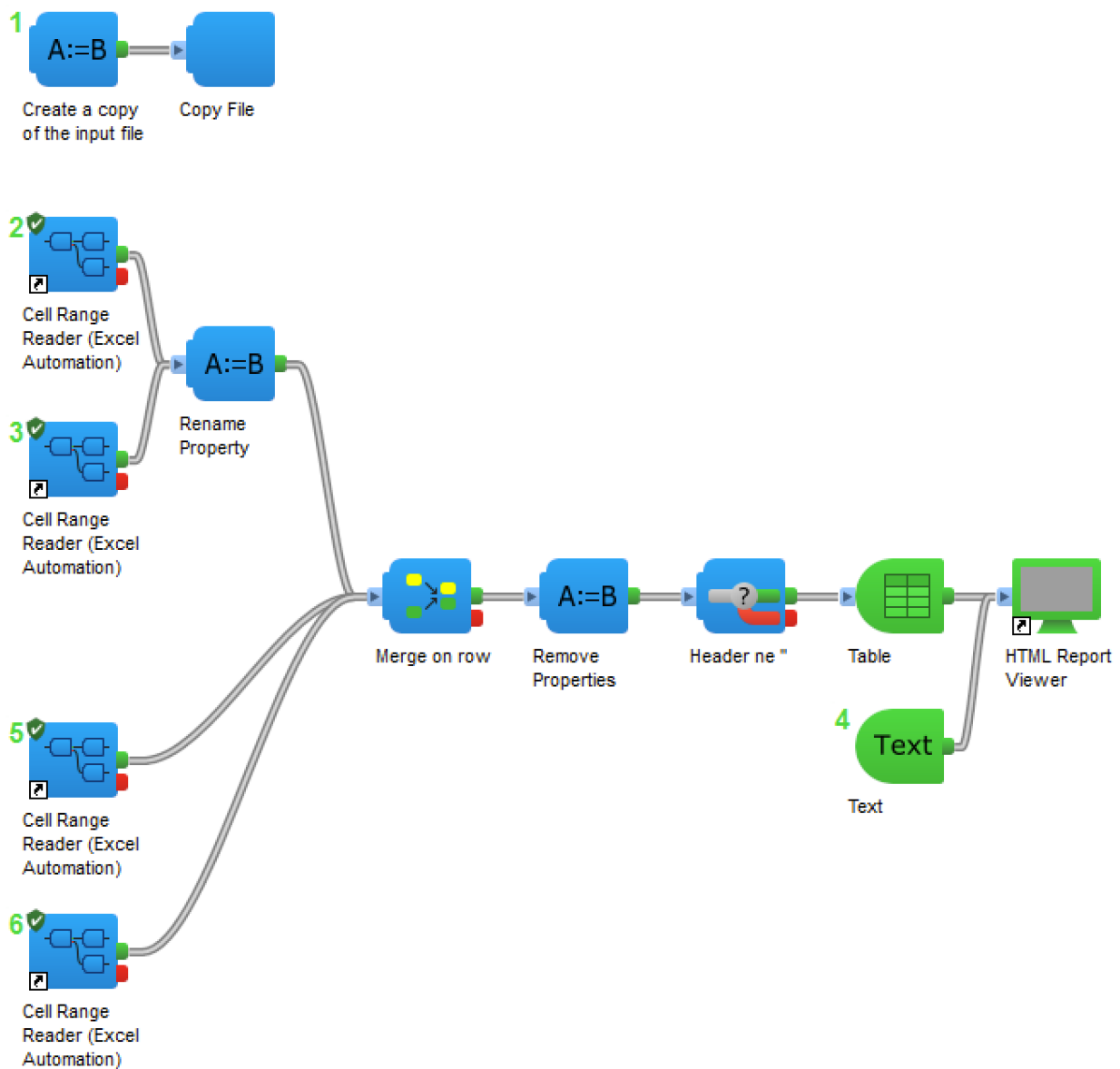# 01 Read a Specified Cell Range

Purpose

Read from a specified cell range on a worksheet containing complex formatting and other data.

Workflow

In this example we read three cell ranges from the first worksheet in the file `data/Safety ABR86A.xlsx`.

Before reading any data we make a copy of the input file in the job directory. The original input file is shared by all users of the exercise: creating a copy helps ensure it is not accidentally modified if you later decide to use a writer component on it.
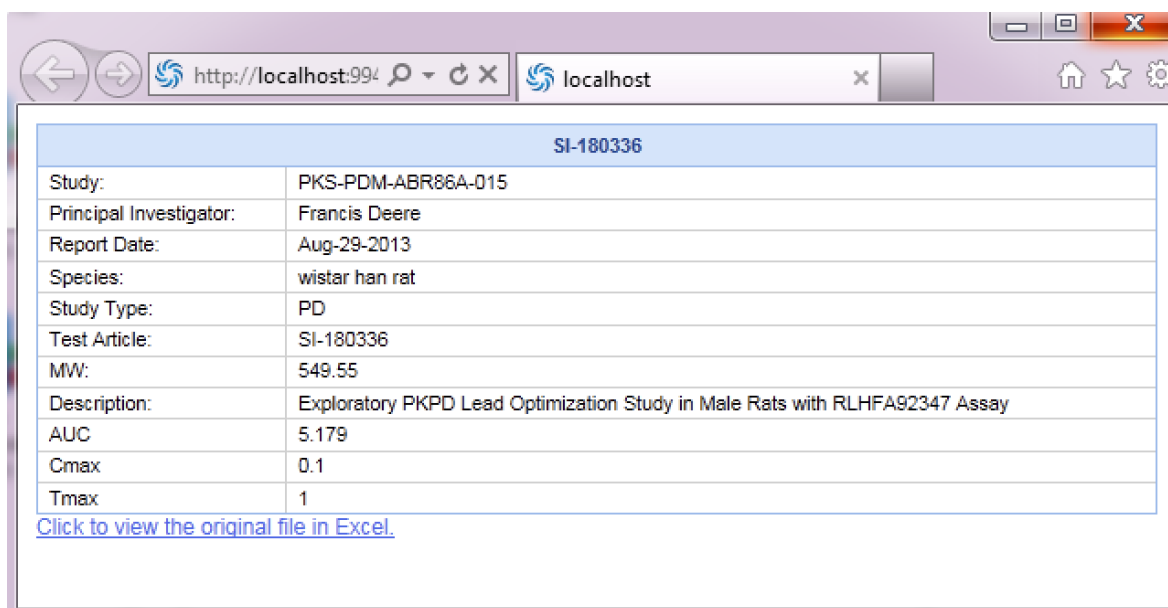
Now we start reading from our copy of the file.

Ranges B3:B12 and A31:A33 are read and the values are put into the Pipeline Pilot data property "header". Then, C3:C12 and C31:C33 are read and the values are put into the property "value".

Now all the data are in Pipeline Pilot. We merge it on row number and drop data records that were generated from empty cells in rows 10 and 11.

Results

Here is the result of the protocol, displayed in a web browser window.

SI-180336	
Study:	PKS-PDM-ABR86A-015
Principal Investigator:	Francis Deere
Report Date:	Aug-29-2013
Species:	wistar han rat
Study Type:	PD
Test Article:	SI-180336
MW:	549.55
Description:	Exploratory PKPD Lead Optimization Study in Male Rats with RLHFA92347 Assay
AUC	5.179
Cmax	0.1
Tmax	1

Click to view the original file in Excel.