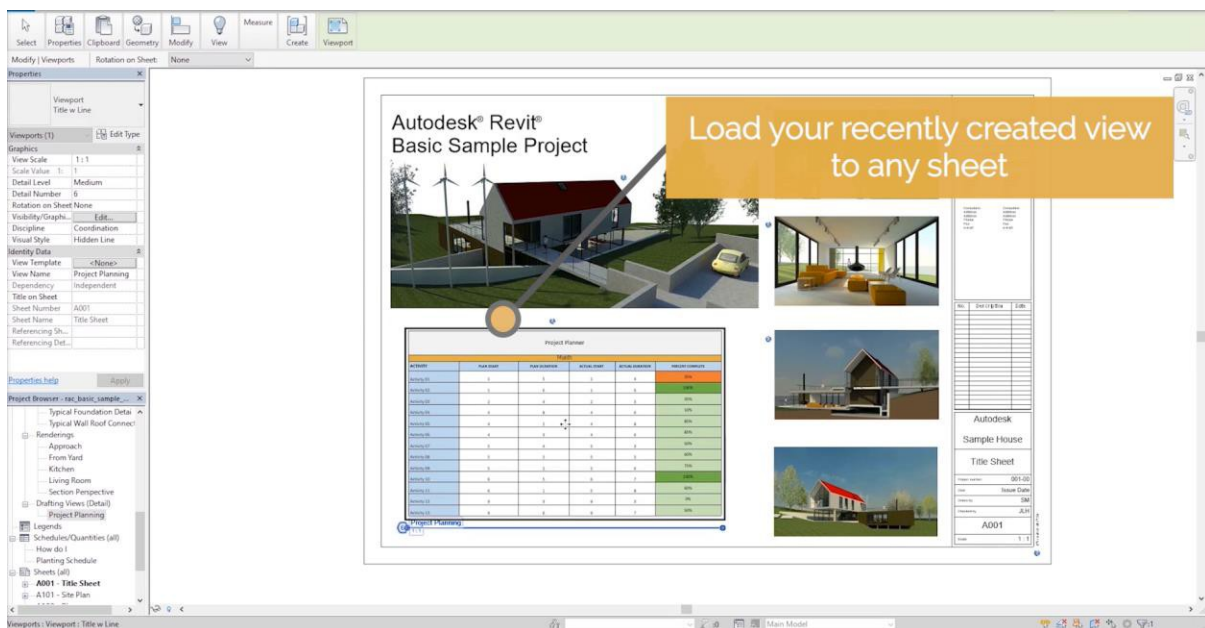# TableGen

How it works.

TableGen is a Revit add-in that allows you to import spreadsheets to Revit. The spreadsheet can be imported as 'Legend View', 'Schedule View' or 'Drafting View' that you can then drag to your drawing sheets in Revit.
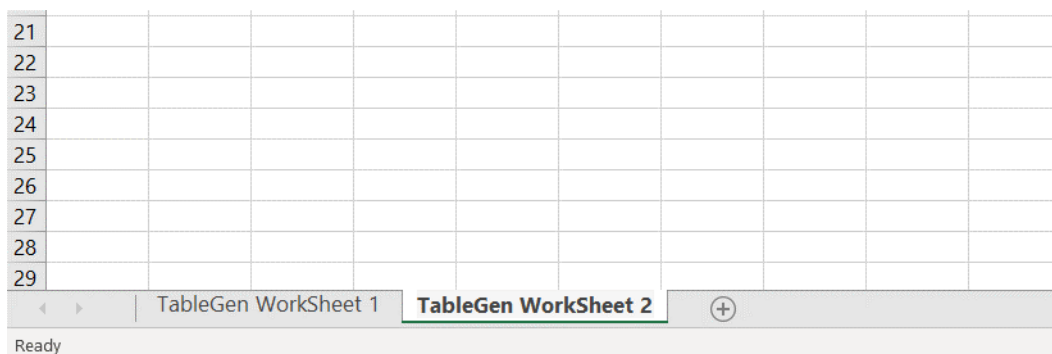
The process is fast, simple and easy! Next, we'll quickly explain to you how to use it.

How to use it.

Prepare your Excel spreadsheet to be imported

1. Open Excel and create a blank document.

2. Give a meaningful name to your worksheets, so you'll be able to identify them later.
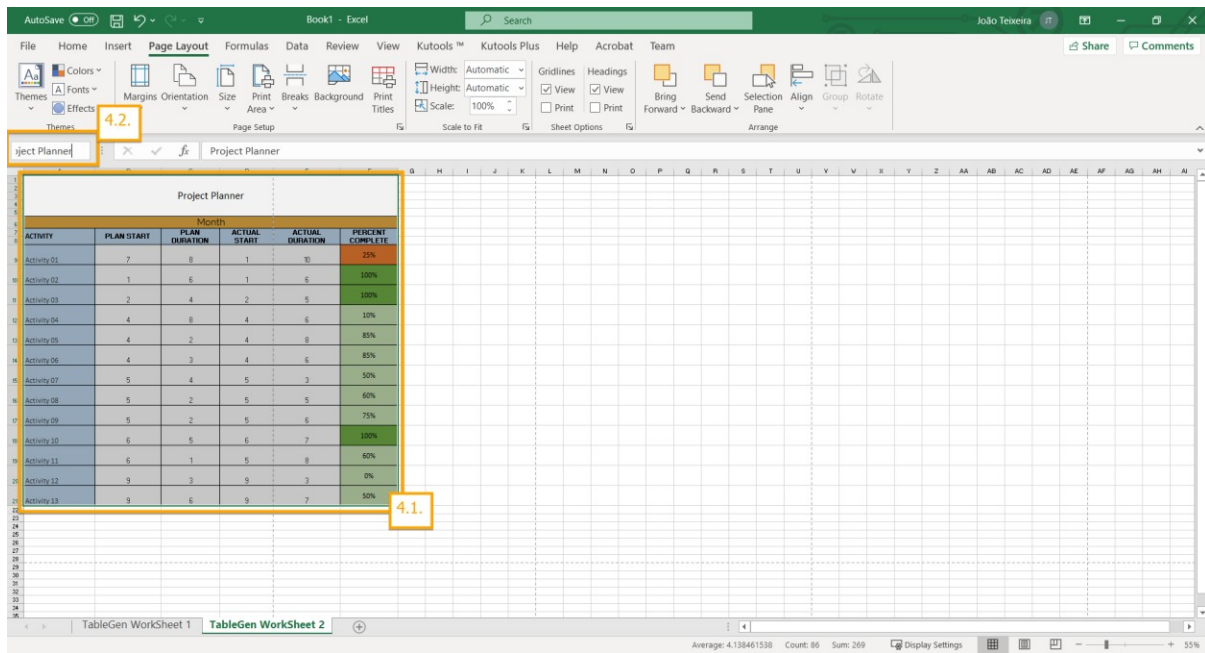

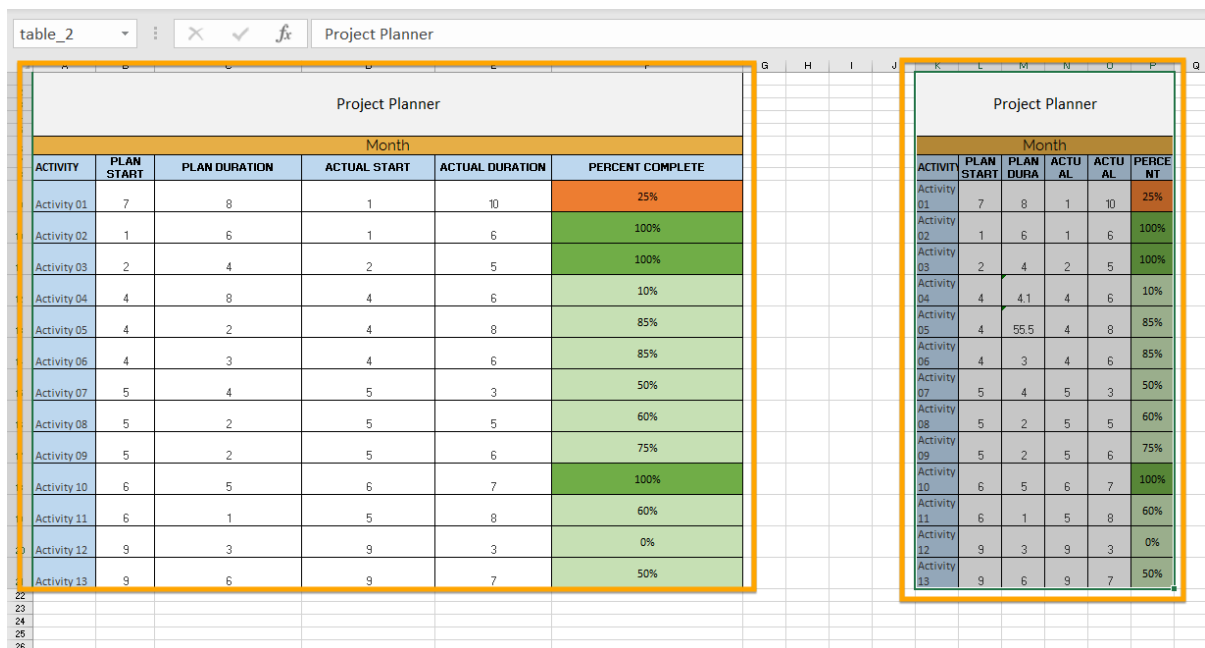*Disruptive Roots in a Digital era of connection.*

DiRoots.
connecting the dots

3. Insert your data in excel.

4. Create a worksheet region(s).

    4.1. Select the range of cells that you want to bring to Revit.

    4.2. Name the previously selected range of cells and hit 'Enter'.

    This feature allows you to create multiple worksheet regions and each one can be individually imported to Revit as 'Legend View', 'Schedule View' or 'Drafting View'.
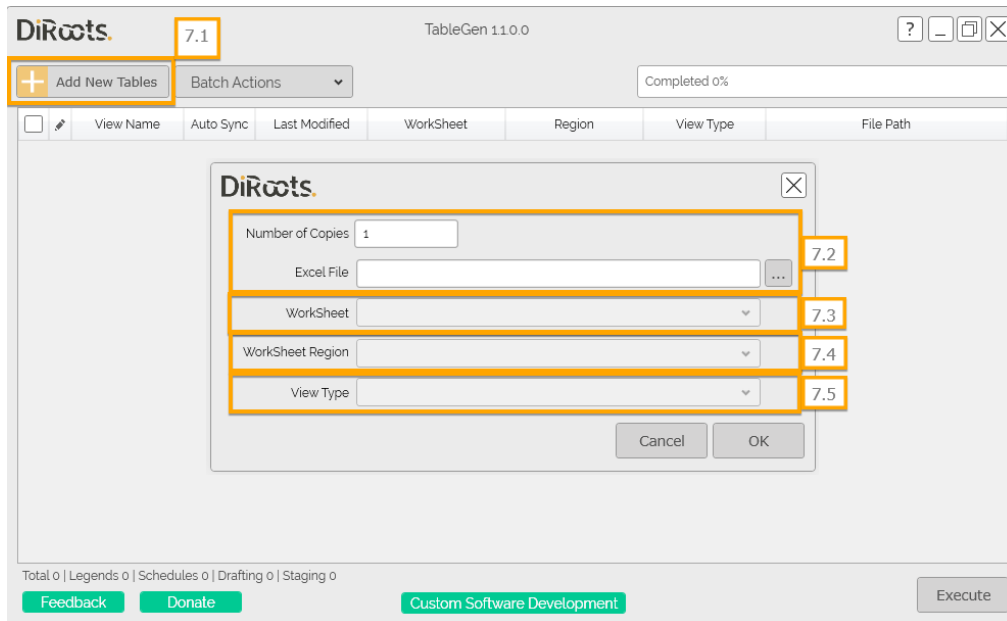
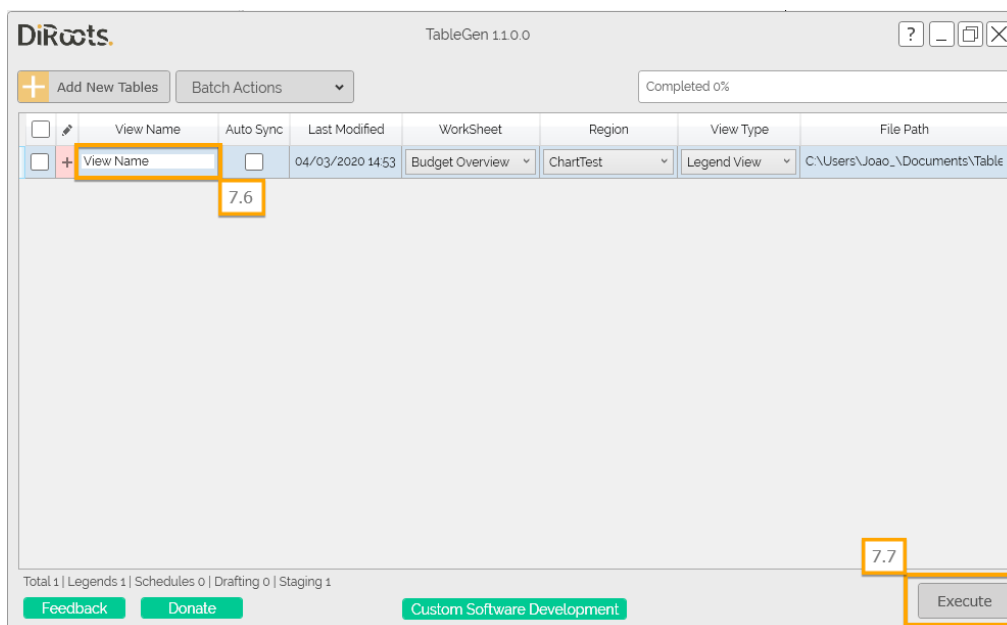   Note: give a reasonable margin to the text inside the cells.

Example of multiple worksheet regions below:

DiRoots.
connecting the dots

5. Save the document.

6. Open TableGen.

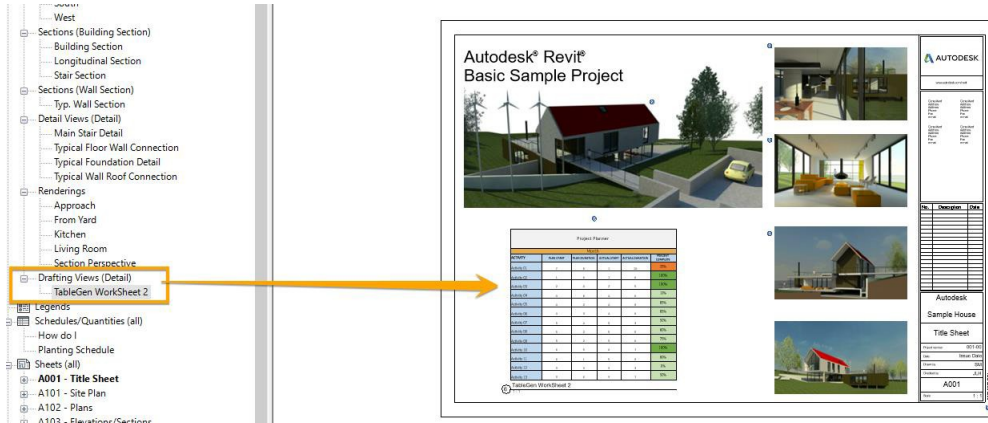7. <u>Importing tables as 'Legend View', 'Schedule View' or 'Drafting View'.</u>

7.1. Click the 'Add New Tables' button.

7.2. Enter the number of copies and select the Excel file you want to import.

7.3. Select the 'WorkSheet'.

7.4. Select the 'WorkSheet Region' (created at step 4 above).

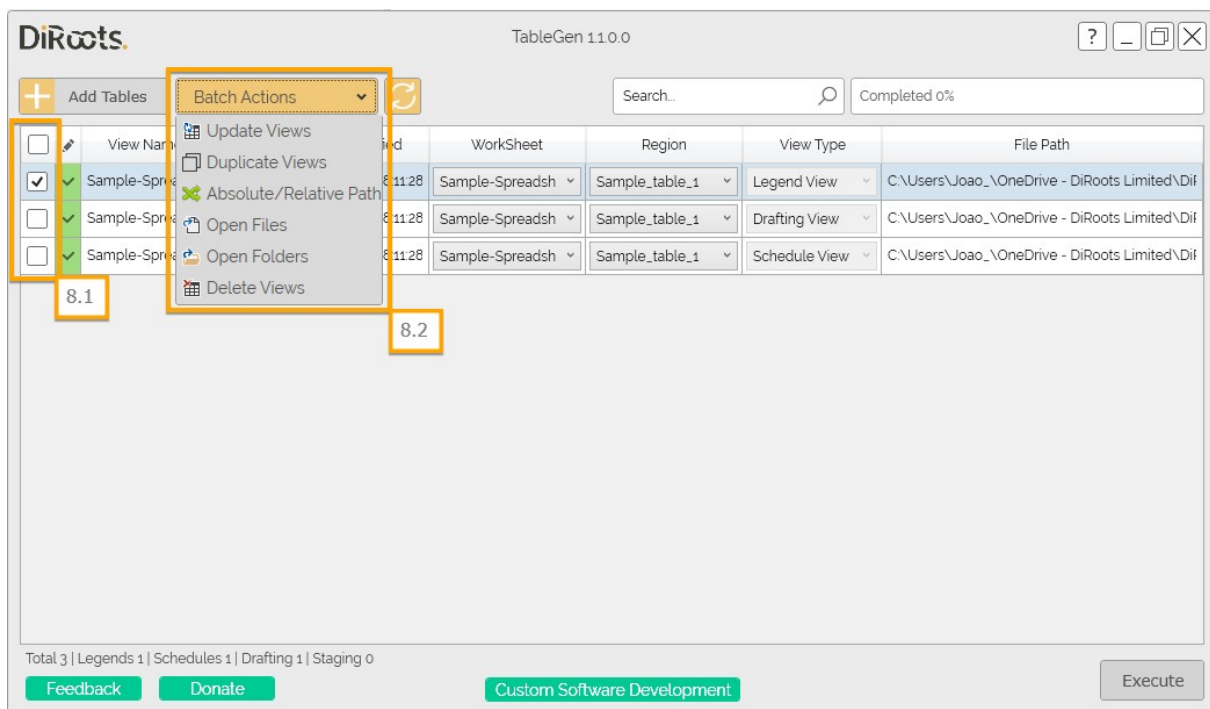7.5. Select the type of view you want to generate ('Legend View', 'Schedule View' or 'Drafting View')

Disruptive Roots in a Digital era of connection.

DiRoots.
connecting the dots

7.6. Double-click to change the name of the view that will be generated.

7.7. Click the 'Apply' button to generate the view(s)

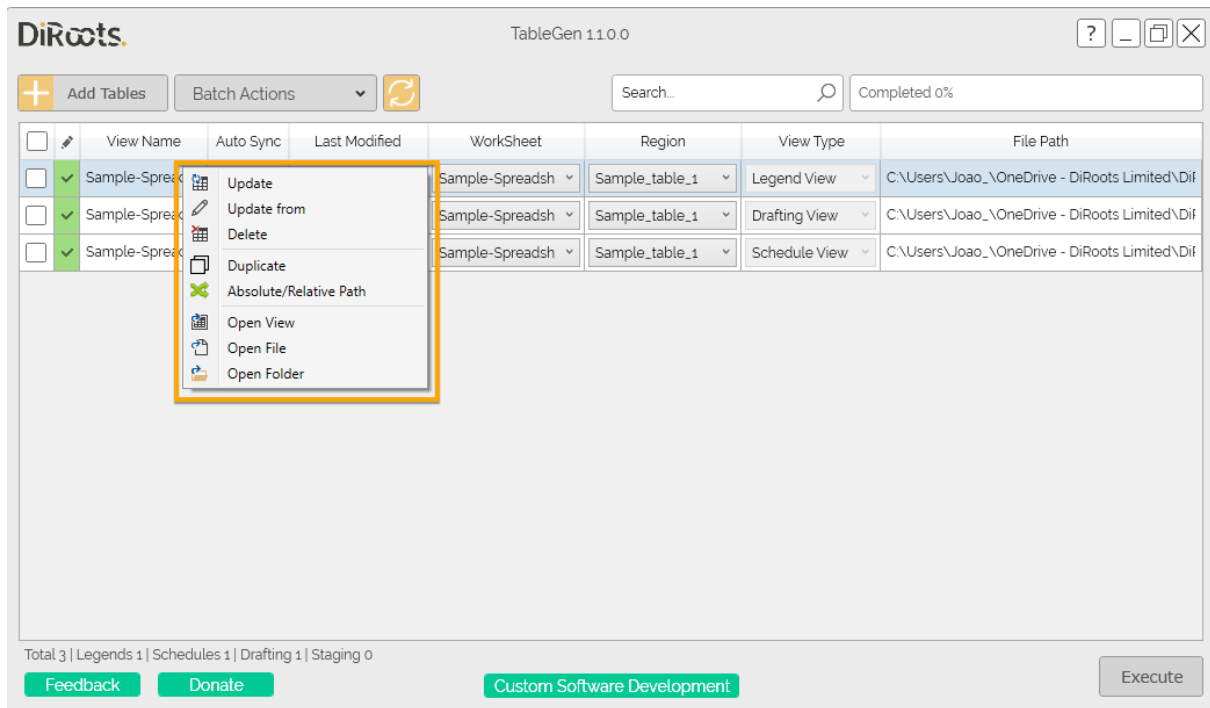7.8. Drag and drop the recently created view to place it in an existing drawing sheet

8. Updating, deleting and duplicating Views

8.1. Select the views.

8.2. Use the dropdown menu to either 'Update Views', 'Delete Views' and 'Duplicate Views'.

Disruptive Roots in a Digital era of connection.

9. Using the Context Menu

TableGen has an extremely useful context menu that you can easily access by right-clicking on any of your recently created views.

Use it to:

- 'Update', 'Update from' (in case you the excel file location has been changed), 'Delete' or 'Open View';

- directly open the Excel file corresponding to a view by using the 'Open file' option;

- access the Excel file location by using the 'Open File' option.

- Switch between absolute and relative paths.
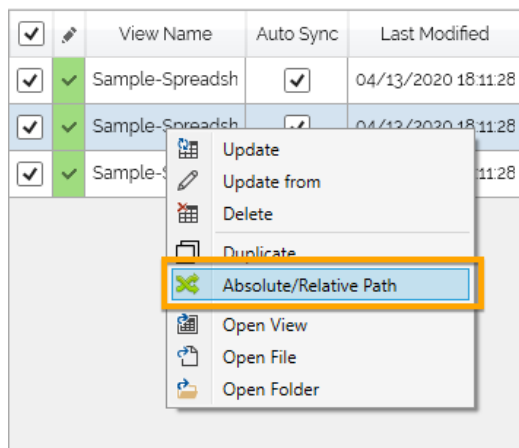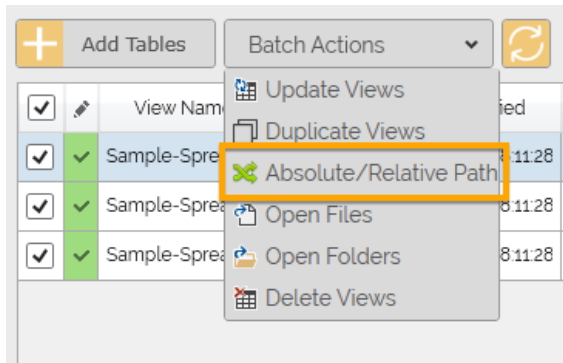
10. Absolute and Relative Paths

An absolute path defines the location of a file on your local computer or network.

On the other hand, a relative path defines the position of a file relative to your working directory, which is the location of the Revit project you're working on.

Consult the Autodesk Knowledge Network to learn more about absolute and relative paths.

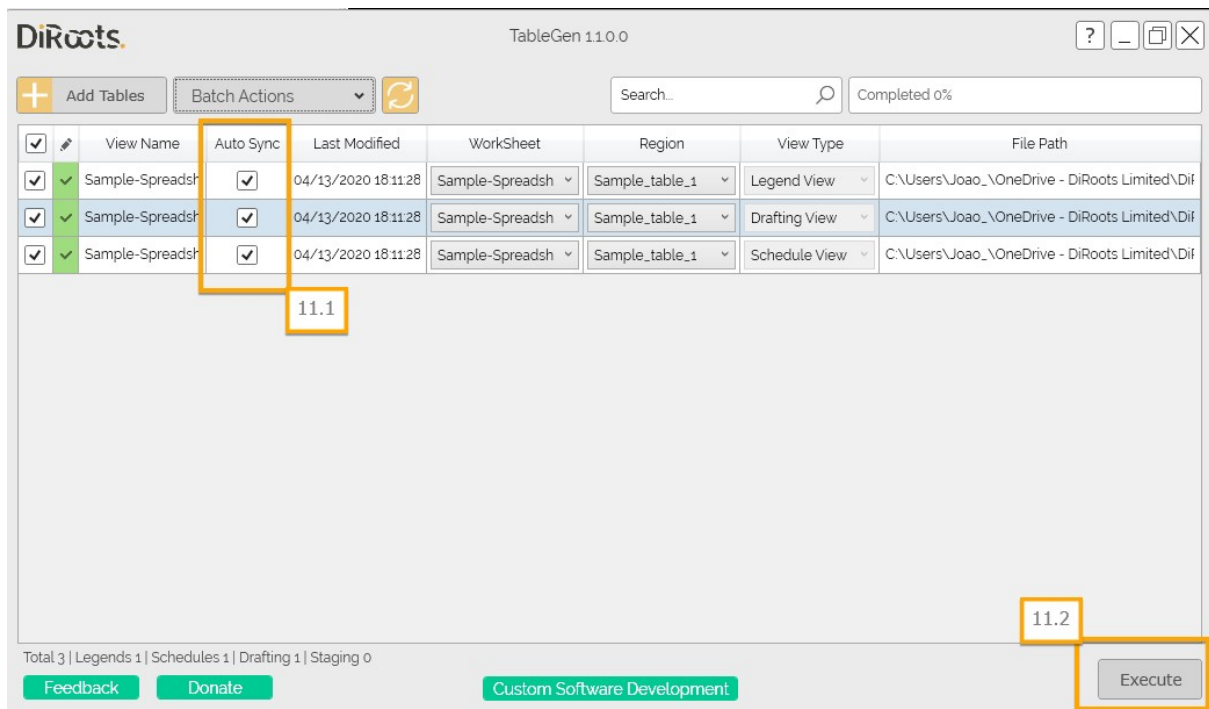## 10.1. How to use absolute and relative paths in TableGen

Switching between absolute and relative is very simple. You can do it in bulk by selecting multiple views and using the "Batch Actions" dropdown menu or you can use the context menu to apply the changes to a specific view.

After applying the changes you must click on the "Apply" button and save your Revit project.

11. Using the "Auto Sync" feature.

TableGen allows you to automatically synchronise your linked Excel files when you open the project.

11.1. Check the 'Auto Sync'

11.2. Click on the 'Apply button to apply the changes

11.3. Save your project

11.4. The next time you open the project it will automatically synchronise the changes done to the Excel file with your model