

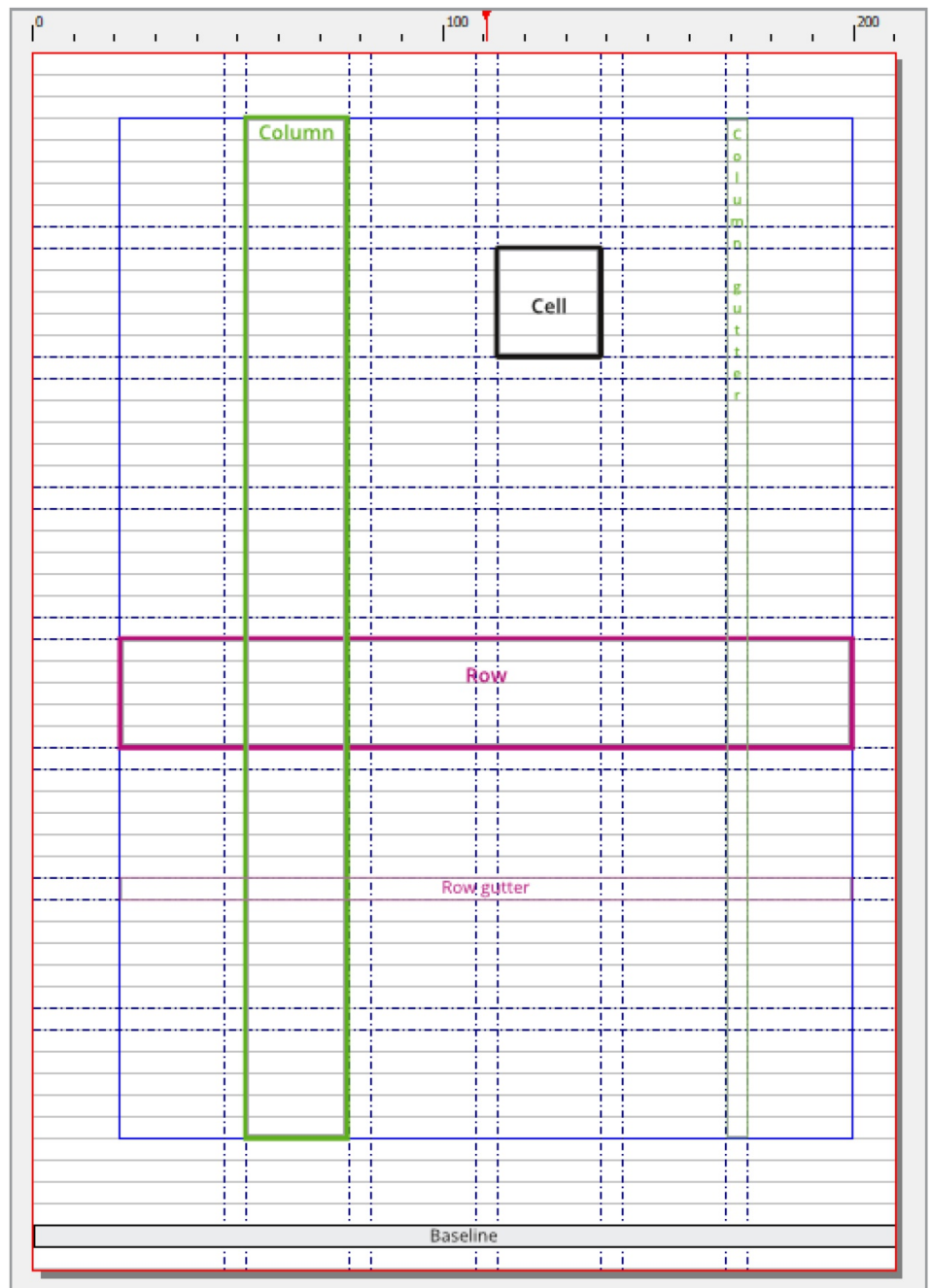
Typographic Grid Wizard

The Typographic Grid Wizard is a script for Scribus to produce a modular grid of guides that fits with the baselines. The baseline or "leading" is the basis of our calculations. The baseline height is often 120 - 150% of the body font used.

With trial and error the Typographic Grid Wizard tries to fit the number of baselines you entered for the top and bottom margins and the row gaps with the number of baselines in the rows (see next page for more details).

For the vertical "lines" we also take the same unit to calculate the left and right margins and the column gutters. The cell width is calculated by dividing the leftover by the desired number of columns.

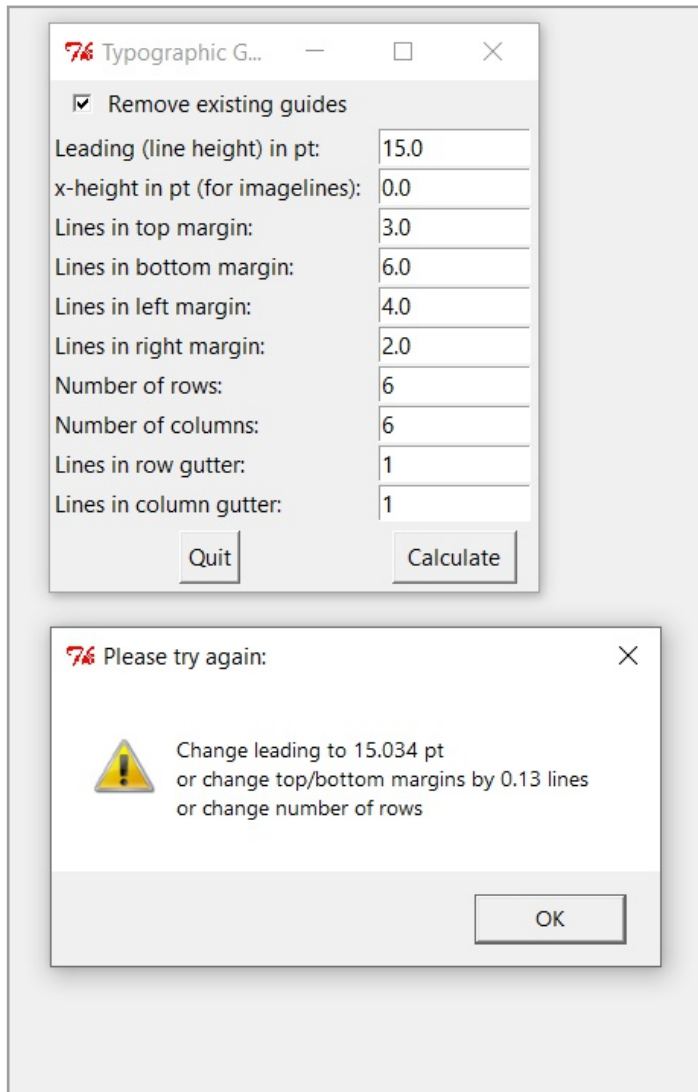
The Typographic Grid Wizard works only on one (master) page, but there are tricks to assemble various grids in one document.



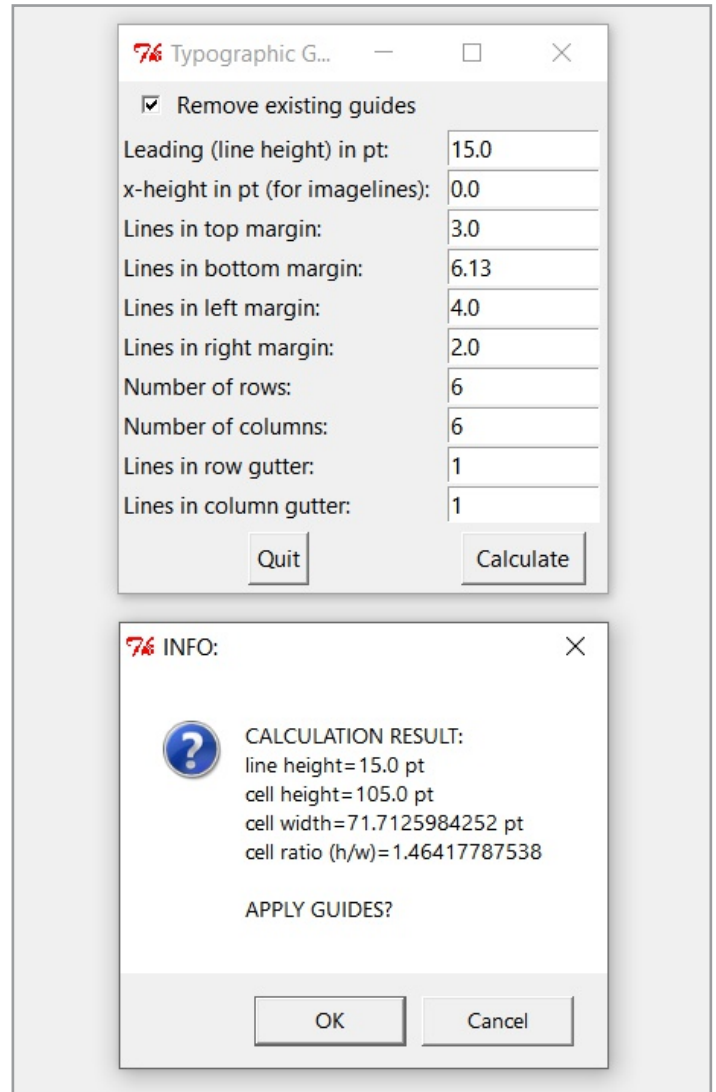
Tips and tricks:

- You have the option to remove existing guides or not.
- Number of rows, number of columns and lines in row gutter must be integers, the other inputs may be decimals.
- You can set the number of rows to one if you only need a column grid.
- If the top margin is a decimal value, the baseline offsets with the decimal fraction.
- To view the baselines you have to indicate Baseline grid in the Visibility tab of the Guides section of the Document setup.
- In the same Guides section of the Document setup you can lower the baselines view in the Placement tab.
- The margins (blue lines) are only updated after clicking Apply changes to all (master) pages in the Margins and bleeds tab of the Document setup.
- In order to have different grids for left and right pages, you can create your left grid on a left master page in one empty document and your right grid in another one. After that you can import both master pages in a new or existing document.

How this script works



When you push the "Calculate" button in the Typographic Grid Wizard main window, the script calculates the optimal solution for the parameters entered and shows them in a separate window. Press "Ok" to close the calculation window and enter one of the recommended changes in the main window. In the example above we added 0.13 lines (less than one mm!) to the bottom margin of our A4 document. Then press Calculate again.

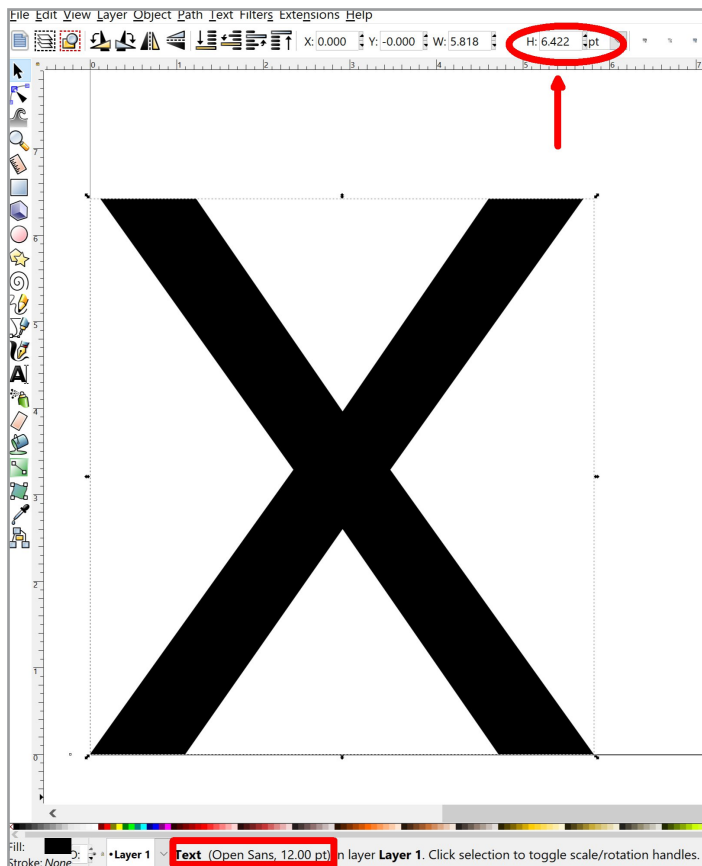
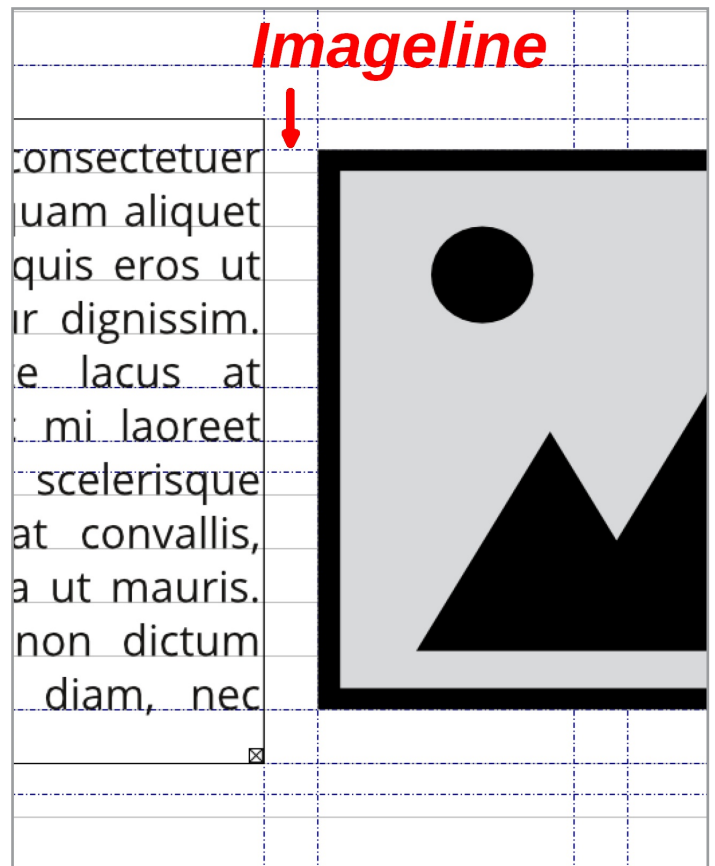


The info window shows the calculation fits. Now you can apply the guides by pressing "Ok" (the guides will be shown after pushing "Quit" in the main window). Or you can cancel and return to the main window without doing anything.

Imagelines

An imageline is where the top of an image aligns with the x-height of the text beside it. This gives a more pleasing visual effect. The bottom of the image does not have this problem and can be at the baseline of the cell bottom.

The Typographic Grid Wizard will draw an imageline guide **at the top of each row** if you fill in a value for the x-height in points in the main window. If you leave the entry to zero, no imagelines are drawn.



How to determine the x-height of a font?
Open a new document in **Inkscape** and change the unit to points in the Document properties. Grab the Text tool and choose your font and font size. Type the lowercase letter "x". Select the "x" and you can read the exact height in points.