

# Line Sorting

- This extension is similar to [Optimize Sequence: Travel Distances](#) and [Optimize Sequence: Small Holes First](#).
- Also have a look at <https://github.com/inconvergent/svgsort> which could be another great path planning tool for Inkscape.
- Also check out [vpype Free Mode](#) which can do the same and more.

## Line Sorting



### Line Sorting

### General Settings

### About

Sort lines to minimize travel distances.

Disable flipping

Live preview

Close

Apply

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#### Preprocessing

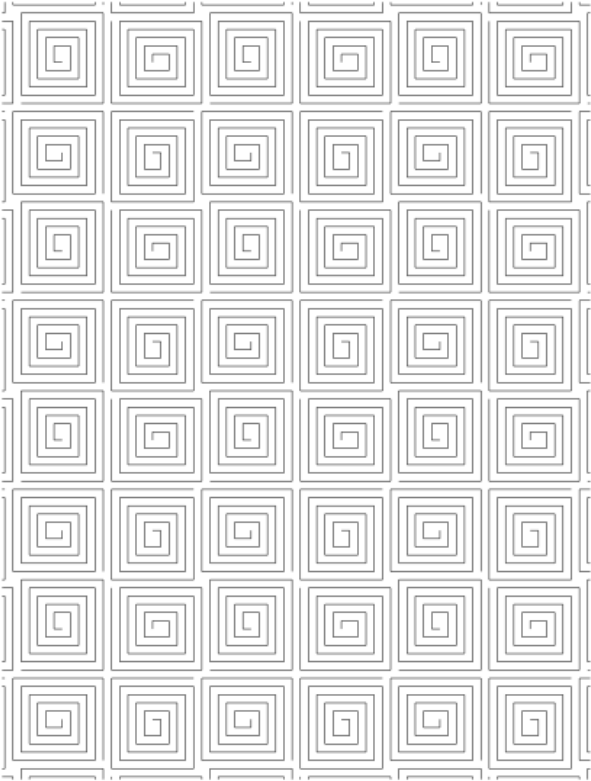
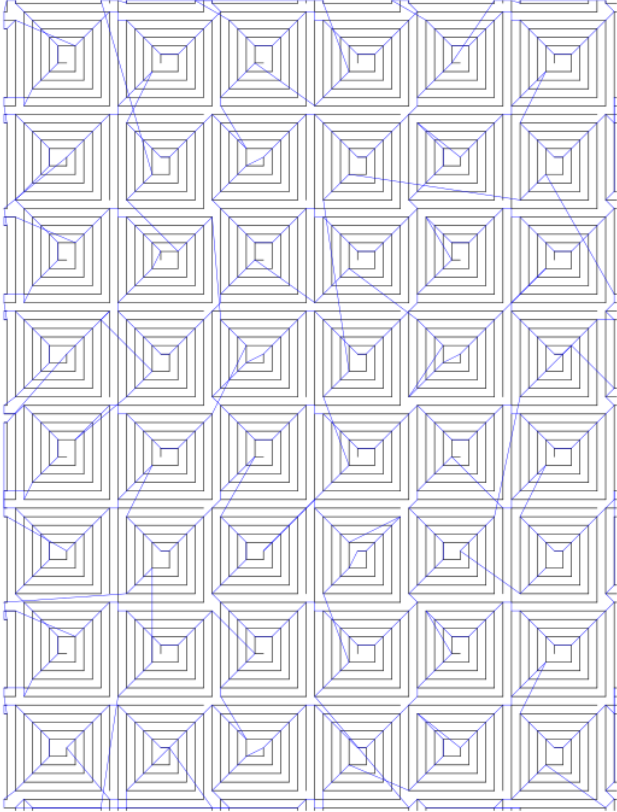
Use 'Apply Transformations' extension

#### Input (InkScape to vtype)

Input/Layer handling  Multilayer/document (all layers/complete document)

Singlelayer/paths (a single layer/paths in selection or all paths in document)

# Example

| Before conversion  | After conversion (showing the same lines sorted plus traveling lines + conversion statistics)  |
|--|--|
|  |  <p data-bbox="858 1211 1437 1263"><b>i</b> Inkscape has received additional data from the script executed. The script did not return an error, but this may indicate the results will not be as expected.</p> <pre data-bbox="815 1294 1374 1417">WARNING:root:!!! `vpype.Length` is deprecated, use `vpype.LengthType` instead. Total tooling length before vpype conversion: 88927.49 mm Total traveling length before vpype conversion: 148447.54 mm Total tooling length after vpype conversion: 88927.49 mm Total traveling length after vpype conversion: 11677.09 mm Total tooling length optimized: 0.00 % Total traveling length optimized: 92.13 %</pre> <p data-bbox="1139 1655 1166 1675">OK</p> |

Version #2

Erstellt: 2025-05-24 16:42:27 CEST von Mario Voigt

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