

Layout Algorithms (KLayout)



The KIELER Layouters are now part of the [Eclipse Layout Kernel \(ELK\)](#) and developed further there.

The KLayout project encompasses the main layout algorithms developed as part of the KIELER project. It aims at providing Java implementations of different layout algorithms to the [Infrastructure for Meta Layout \(KIML\)](#).

We currently have the following layout algorithms:

- **KLayout Force**
Implementation of approaches based on physical models.
- **KLayout Layered**
Implementation of the layer-based "hierarchical" approach by Sugiyama et al.
- **KLayout Planar**
Implementation of the planarization-based "topology-shape-metrics" approach. (work in progress)
- **KLayout Tree**
Implementation of tree-based layout algorithms.