

# Layout Algorithms (K Lay)



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

The K Lay 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:

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