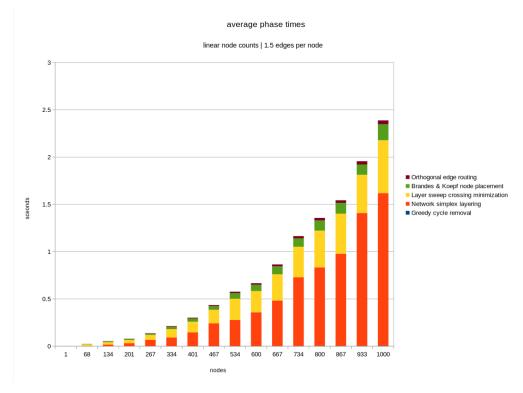
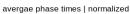
Execution Time Analysis and LinkedList vs. ArrayList

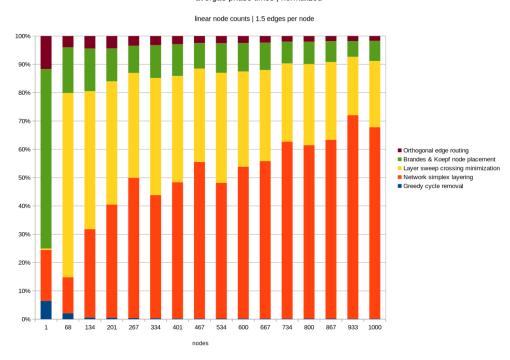
General Execution Time Analysis

The following measurements were run on an Intel core i5 M 450 @2.40GHz with Linux Mint 17 (Based on Ubuntu 14.04.2 LTS).

The code is dated 26 May 2015 12:25 (commit c566b14)

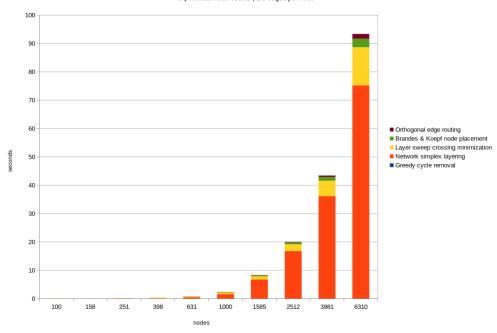




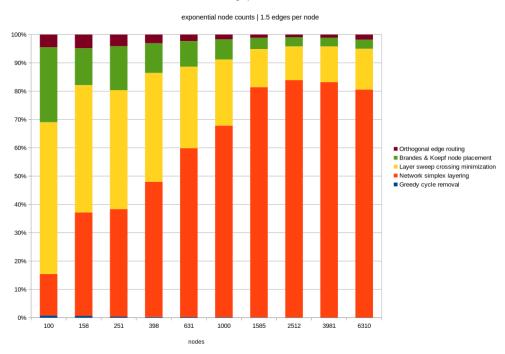


average phase times

exponential node counts | 1.5 edges per node







ArrayList vs. LinkedList

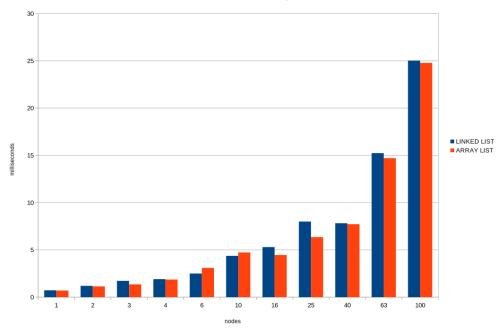
On 27 March 2015 we changed many occurrences of LinkedLists in KlayLayered to ArrayLists.

The following measurements were run on an Intel core i5 M 450 @2.40GHz with Linux Mint 17 (Based on Ubuntu 14.04.2 LTS).

The code with linked lists is commit bc385f7, the new code with array lists is commit f2dc6d5.

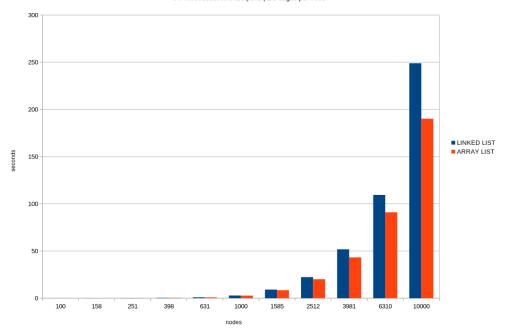


0% north/south/inverted ports | 1.5 edges per node



average time

0% north/south/inverted ports | 1.5 edges per node



Raw Data

The raw data as well as the svgs can be found here: eval-2015_05.zip.