

Testing merge sort with different cut-offs to insertion sort

Maria Halvarsson, mahalv@kth.se

For this test random integer arrays containing 1 000 000 elements were used to compare the execution time of merge sort with different cut-offs to insertion sort. Looking at the graph, it seems like the optimal cut-off range is somewhere between 15 elements to 30 elements if we look at a different cut-off values from 1 to 30.

It would have been interesting to test for smaller and bigger amount of elements to see if there is any difference between the optimal cut-off.

