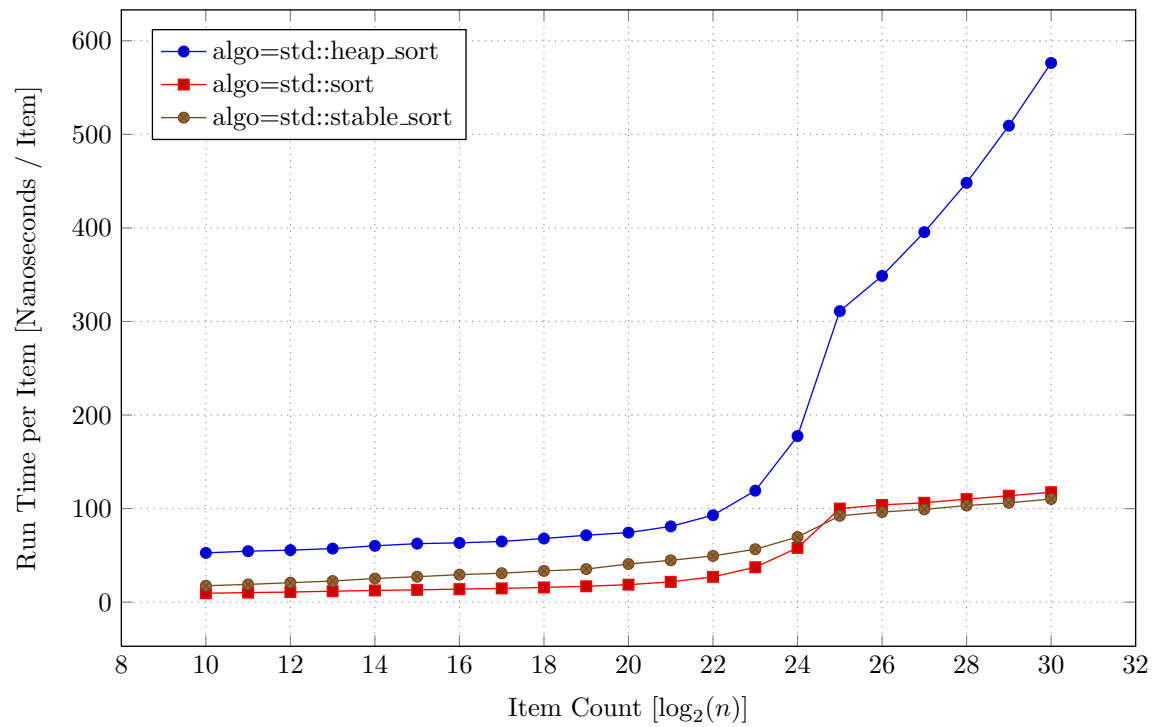


Sorting Speed Example

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March 17, 2014

Simple C++ Sorting Test



n	<code>std::sort</code>	<code>std::stable_sort</code>	STL heap sort
2^{10}	9.5	17.5	52.7
2^{11}	10.2	19.0	54.5
2^{12}	10.8	20.8	55.6
2^{13}	11.7	22.6	57.3
2^{14}	12.5	25.3	60.2
2^{15}	13.2	27.2	62.6
2^{16}	13.9	29.4	63.4
2^{17}	14.7	31.0	64.9
2^{18}	15.8	33.4	68.0
2^{19}	17.0	35.4	71.5
2^{20}	18.7	40.8	74.3
2^{21}	21.7	44.7	81.0
2^{22}	27.1	49.4	92.9
2^{23}	37.4	56.6	119.1
2^{24}	58.0	69.6	177.5
2^{25}	100.0	92.3	311.0
2^{26}	103.9	96.3	348.7
2^{27}	106.3	99.2	395.5
2^{28}	110.1	103.3	448.2
2^{29}	113.8	106.1	509.2
2^{30}	117.5	110.2	576.3

Table 1: Runtime per element for different sorting implementation, median of 15 runs.