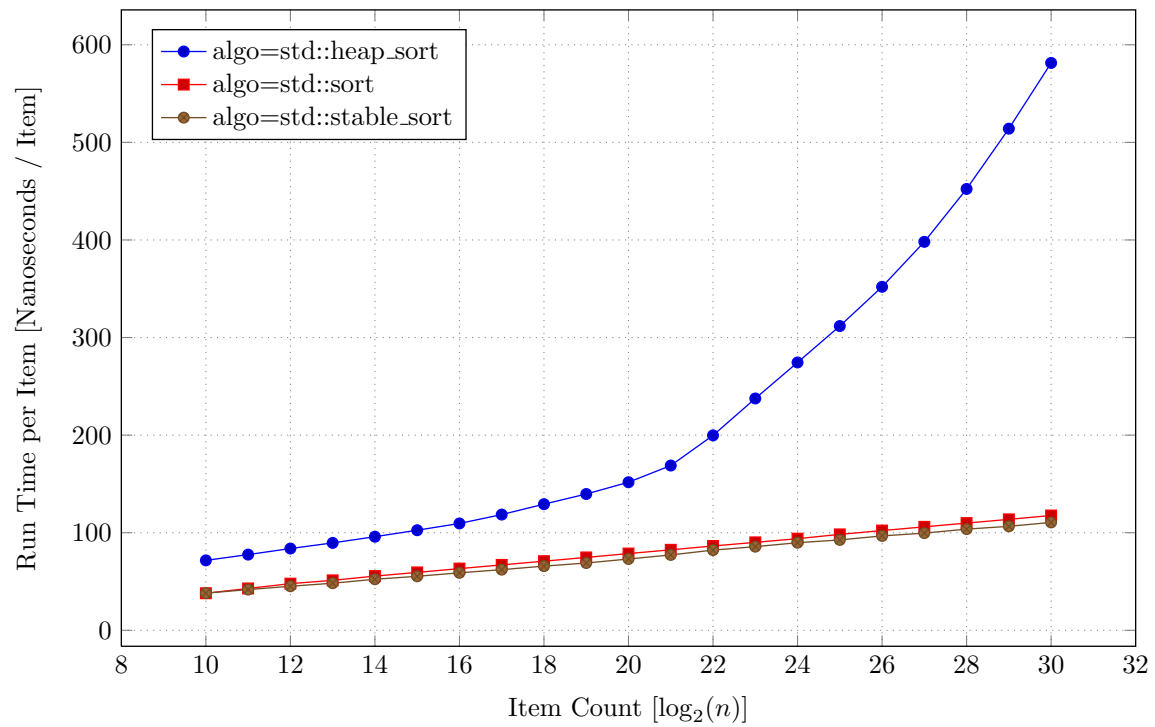


Sorting Speed Example

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Simple C++ Sorting Test



n	<code>std::sort</code>	<code>std::stable_sort</code>	STL heap sort
2^{10}	38.0	38.1	71.7
2^{11}	42.9	41.8	77.6
2^{12}	47.8	45.2	83.8
2^{13}	51.2	48.3	89.6
2^{14}	55.6	52.3	95.9
2^{15}	59.3	55.3	102.6
2^{16}	63.2	58.9	109.5
2^{17}	67.0	62.2	118.6
2^{18}	70.9	65.8	129.3
2^{19}	74.7	69.0	139.7
2^{20}	78.6	73.1	151.7
2^{21}	82.5	77.2	168.9
2^{22}	86.4	82.2	199.8
2^{23}	90.1	85.7	237.6
2^{24}	93.9	89.8	274.5
2^{25}	98.3	92.6	311.8
2^{26}	102.2	96.7	352.0
2^{27}	106.0	99.6	398.1
2^{28}	109.9	103.7	452.3
2^{29}	113.7	106.6	514.0
2^{30}	117.6	110.6	581.4

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