CPU: i7-8700K

Sorting random 5 letter strings using STL vector

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0.015625	0.0625	0.046875
20000	0.03125	0.109375	0.078125
50000	0.078125	0.21875	0.1875
100000	0.15625	0.046875	0.40625

REMOVE_DUPS_SAME_ORDER random 5 letter strings using STL vector

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.609375	0.046875
20000	0	2.39062	0.078125
40000	0	9.5	0.171875

REMOVE_DUPS_ANY_ORDER random 5 letter strings using STL vector

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.046875	0.0375
200000	0.03125	0.09375	0.84375
500000	0.0625	0.25	2.0625
1000000	0.109375	0.05	3.95312

Mode random 5 letter strings using STL vector

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
1000000	0.109375	0.484375	0
2000000	0.234375	1.03125	0.015625
5000000	0.546875	2.84375	0.046875
10000000	1.09375	5.85938	0.09375

Sorting random 5 letter strings using STL list

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.09375	0.040625
200000	0.03125	0.21875	0.84375
500000	0.0625	0.640625	2.20312
1000000	0.109375	1.39062	4.375

REMOVE_DUPS_SAME_ORDER random 5 letter strings using STL list

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
10000	0	0.78125	0.046875
20000	0	3.14062	0.078125
30000	0	7.04688	0.125

REMOVE_DUPS_ANY_ORDER random 5 letter strings using STL list

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.109375	0.390625
200000	0.015625	0.234375	0.828125
500000	0.0625	0.65625	2.0625
1000000	0.109375	1.45312	4.09375

Mode random 5 letter strings using STL list

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.09375	0.015625
200000	0.031	0.234375	0.031
1000000	0.109375	1.42188	0.15625
3000000	0.3125	4.8125	0.515625

Sorting random 5 letter strings using STL priority_queue

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.09375	0.4375
500000	0.0625	0.59375	2.09375
1000000	0.109375	1.32812	4.23438
2000000	0.21875	2.9375	8.42188

REMOVE_DUPS_ANY_ORDER random 5 letter strings using priority_queue

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0	0.109375	0.40625
200000	0.015625	0.21875	0.84375
500000	0.0625	0.609375	2.10938
1000000	0.109375	1.35938	4.07812

Mode random 5 letter strings using priority_queue

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.09375	0
500000	0.0625	0.59375	0
1000000	0.109375	1.34375	0.015625
3000000	0.328125	4.875	0.03125

Sorting random 5 letter strings using BST

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.078125	0.40625
200000	0.015625	0.234375	0.84375
500000	0.0625	0.671875	2.14062
1000000	0.109375	1.48438	4.34375

REMOVE_DUPS_SAME_ORDER random 5 letter strings using BST

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.078125	0.421875
200000	0.03125	0.203125	0.828125
500000	0.0625	0.609375	2.07812
1000000	0.109375	1.39062	4.1875

REMOVE_DUPS_ANY_ORDER random 5 letter strings using BST

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.09375	0.40625
200000	0.03125	0.21875	0.796875
500000	0.0625	0.65625	2.09375
1000000	0.109375	1.46875	4.17188

Mode random 5 letter strings using BST

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
500000	0.0625	0.640625	0.078125
1000000	0.109375	1.45312	0.140625
2000000	0.21875	3.21875	0.3125
4000000	0.484375	7.42188	0.65625

REMOVE_DUPS_SAME_ORDER random 5 letter strings using hash table

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.046875	0.40625
200000	0.03125	0.078125	0.828125
500000	0.046875	0.21875	2
1000000	0.109375	0.453125	4.03125

REMOVE_DUPS_ANY_ORDER random 5 letter strings using hash table

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
100000	0.015625	0.046875	0.390625
200000	0.03125	0.09375	0.828125
500000	0.0625	0.25	2.04688
1000000	0.109375	0.515625	4.14062

Mode random 5 letter strings using hash table

# of string	Load time (sec)	Operation time (sec)	Output time (sec)
1000000	0.109375	0.5	0.0625
2000000	0.21875	1.03125	0.09375
5000000	0.53125	2.73438	0.265625
6000000	1.09375	5.3125	0.390625