Vector :

Sort

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
50000	0.03	0.016	0.093
500000	0.25	0.437	1.452
750000	0.39	0.718	2.22
1000000	0.625	1.156	3.047

Remove Dups Same Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
12500	0.015	1.203	0.031
15000	0.015	1.594	0.047
20000	0.015	3.094	0.047
25000	0.031	4.89	0.078

Remove Dups Any Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
12500	0.015	0.016	0.03
125000	0.062	0.078	0.36
500000	0.265	0.453	1.422
1000000	0.546	1.25	3.11

Mode

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
500000	0.25	0.4609	0.062
750000	0.374	0.688	0.078
1000000	0.452	1.063	0.062
2500000	1.468	3.171	0.172

List:

Sort

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.046	0.125	0.282
500000	0.249	0.875	1.406
750000	0.375	1.5	2.188
900000	0.452	1.891	2.75

Remove Dups Same Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
10000	0.015	1.016	0.031
15000	0.015	2.218	0.047
20000	0.015	3.953	0.062
23000	0.015	5.016	0.062

Remove Dups Any Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.061	0.125	0.297
200000	0.109	0.281	0.562
400000	0.203	0.828	1.093
800000	0.468	1.828	2.657

Mode

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.077	0.172	0.016
200000	0.14	0.359	0.016
400000	0.218	0.782	0.031
1590000	0.859	4.016	0.141

BST:

Sort

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.078	0.187	0.328
200000	0.078	0.406	0.64
400000	0.218	0.906	1.188
800000	0.469	2.016	2.64

Remove Dups Same Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
5000	0.0016	0.0671	0.015
10000	0.015	2.984	0.032
11000	0.015	3.578	0.031
13000	0.015	4.983	0.046

Remove Dups Any Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.077	0.156	0.297
200000	0.109	0.344	0.593
400000	0.218	0.891	1.125
850000	0.452	2.094	2.469

Mode

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.062	0.141	0.015
200000	0.109	0.359	0.032
400000	0.203	0.718	0.031
1580000	0.812	4.156	0.109

Hash Table:

Sort

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Remove Dups Same Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
5000	0.007	0.484	0.015
10000	0.01	2.016	0.031
15000	0.015	4.218	0.047
16400	0.015	4.953	0.046

Remove Dups Any Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.046	0.079	0.28
200000	0.109	0.156	0.546
400000	0.218	0.36	1.094
1250000	0.64	1.218	3.392

Mode

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.062	0.078	0.015
200000	0.124	0.156	0.016
400000	0.203	0.375	0.062
3500000	1.765	3.171	0.251

Priority Queue

Sort

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.046	0.125	0.282
200000	0.109	0.25	0.578
400000	0.203	0.609	1.125
950000	0.483	1.735	2.829

Remove Dups Same Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Remove Dups Any Order

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.062	0.109	0.016
200000	0.108	0.266	0.016
400000	0.202	0.625	0.031
1850000	0.921	3.953	0.125

Mode

#strings	Load time(sec)	Operation time (sec)	Output time (sec)
100000	0.046	0.157	0.015
200000	0.109	0.344	0.015
400000	0.202	0.75	0.032
1650000	0.827	4.048	0.109