

%X output

1 Flat profile:

2

3 Each sample counts as 0.01 seconds.

4 no time accumulated

5

| 6 | % | cumulative | self | | self | total | |
|----|------|------------|---------|-------|---------|---------|--|
| 7 | time | seconds | seconds | calls | Ts/call | Ts/call | name |
| 8 | 0.00 | 0.00 | 0.00 | 492 | 0.00 | 0.00 | std::remove_reference<int&>::type&& std::n |
| 9 | 0.00 | 0.00 | 0.00 | 164 | 0.00 | 0.00 | std::enable_if<std::__and_<std::__not_<std |
| 10 | 0.00 | 0.00 | 0.00 | 67 | 0.00 | 0.00 | partition(int*, int, int) |
| 11 | 0.00 | 0.00 | 0.00 | 2 | 0.00 | 0.00 | printArray(int*, int) |
| 12 | 0.00 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | _GLOBAL__sub_I_Z9partitionPiii |
| 13 | 0.00 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | __static_initialization_and_destruction_0(|
| 14 | 0.00 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | quickSort(int*, int, int) |

15

16 % the percentage of the total running time of the
17 time program used by this function.

18

19 cumulative a running sum of the number of seconds accounted

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

it@it-OptiPlex-3046:~/Desktop/ca\$ g++ -Wall -pg quicks.cpp -o profile

it@it-OptiPlex-3046:~/Desktop/ca\$./profile

Enter the size of array::100

83 86 77 15 93 35 86 92 49 21 62 27 90 59 63 26 40 26 72 36 11 68 67 29 82 30 62 23 67 35 29 2 22 58 69
67 93 56 11 42 29 73 21 19 84 37 98 24 15 70 13 26 91 80 56 73 62 70 96 81 5 25 84 27 36 5 46 29 13 57 2
4 95 82 45 14 67 34 64 43 50 87 8 76 78 88 84 3 51 54 99 32 60 76 68 39 12 26 86 94 39
2 3 5 5 8 11 11 12 13 13 14 15 15 19 21 21 22 23 24 24 25 26 26 26 26 27 27 29 29 29 29 30 32 34 35 35 3
6 36 37 39 39 40 42 43 45 46 49 50 51 54 56 56 57 58 59 60 62 62 62 63 64 67 67 67 67 68 68 69 70 70 72
73 73 76 76 77 78 80 81 82 82 83 84 84 84 86 86 86 87 88 90 91 92 93 93 94 95 96 98 99

it@it-OptiPlex-3046:~/Desktop/ca\$ gprof profile gmon.out > output

it@it-OptiPlex-3046:~/Desktop/ca\$