

abna0841@mars.cs.qc.cuny.edu:~\$ g++ allocator_NAbreu.cpp

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Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RQ P0 262144 B

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RQ P1 262144 B

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RQ P2 262200 B

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>STAT

Addresses[0 : 262143] Process P0

Block Size: 262144 Bytes

Addresses[262144 : 524287] Process P1

Block Size: 262144 Bytes

Addresses[524288 : 786487] Process P2

Block Size: 262200 Bytes

Addresses[786488 : END] Free

Block Size: 262088 Bytes

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RL P1

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RQ P3 200000 B

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>STAT

Addresses[0 : 262143] Process P0

Block Size: 262144 Bytes

Addresses[262144 : 524287] Free

Block Size: 262144 Bytes

Addresses[524288 : 786487] Process P2

Block Size: 262200 Bytes

Addresses[786488 : 986487] Process P3

Block Size: 200000 Bytes

Addresses[986488 : END] Free

Block Size: 62088 Bytes

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>RQ P4 200000 B

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>STAT

Addresses[0 : 262143] Process P0

Block Size: 262144 Bytes

Addresses[262144 : 462143] Process P4

Block Size: 200000 Bytes

Addresses[462144 : 524287] Free

Block Size: 62144 Bytes

Addresses[524288 : 786487] Process P2

Block Size: 262200 Bytes

Addresses[786488 : 986487] Process P3

Block Size: 200000 Bytes

Addresses[986488 : END] Free

Block Size: 62088 Bytes

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>C

Success: Memory compaction completed!

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>STAT

Addresses[0 : 262143] Process P0

Block Size: 262144 Bytes

Addresses[262144 : 462143] Process P4

Block Size: 200000 Bytes

Addresses[462144 : 724343] Process P2

Block Size: 262200 Bytes

Addresses[724344 : 924343] Process P3

Block Size: 200000 Bytes

Addresses[924343 : END] Free

Block Size: 124232 Bytes

Enter: ('RQ', 'RL', 'C', 'STAT', 'QUIT')

allocator>QUIT

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