

Lab 4 PartF Reference Output (bzip2.mtr.gz + lbm.mtr.gz)

Part F:

F.mix2.res

CYCLES : 188468306

CORE_0_INST : 100000000

CORE_0_CYCLES : 188468305

CORE_0_IPC : 0.531

CORE_1_INST : 100000000

CORE_1_CYCLES : 170832880

CORE_1_IPC : 0.585

MEMSYS_IFETCH_ACCESS : 200000000

MEMSYS_LOAD_ACCESS : 69815800

MEMSYS_STORE_ACCESS : 24812137

MEMSYS_IFETCH_AVGDELAY : 1.000

MEMSYS_LOAD_AVGDELAY : 3.281

MEMSYS_STORE_AVGDELAY : 16.708

ICACHE_0_READ_ACCESS : 100000000

ICACHE_0_WRITE_ACCESS : 0

ICACHE_0_READ_MISS : 222

ICACHE_0_WRITE_MISS : 0

ICACHE_0_READ_MISS_PERC : 0.000

ICACHE_0_WRITE_MISS_PERC : 0.000

ICACHE_0_DIRTY_EVICTS : 0

DCACHE_0_READ_ACCESS : 39627441

DCACHE_0_WRITE_ACCESS : 15885877

DCACHE_0_READ_MISS : 659453

DCACHE_0_WRITE_MISS : 219216

DCACHE_0_READ_MISS_PERC : 1.664

DCACHE_0_WRITE_MISS_PERC : 1.380

DCACHE_0_DIRTY_EVICTS	:	325754
DCACHE_0_INVALIDATION_MESSAGES	:	106903
DCACHE_0_GET_X_MESSAGES	:	219216
DCACHE_0_GET_S_MESSAGES	:	659453
DCACHE_0_PUT_X_MESSAGES	:	326067
DCACHE_0_CACHE_TO_CACHE_TRANSFERS	:	1533
DCACHE_0_S_TO_M_TRANSITIONS	:	106903
DCACHE_0_I_TO_M_TRANSITIONS	:	219216
DCACHE_0_M_TO_S_TRANSITIONS	:	313
DCACHE_0_I_TO_S_TRANSITIONS	:	659453
DCACHE_0_M_TO_I_TRANSITIONS	:	1220
DCACHE_0_S_TO_I_TRANSITIONS	:	4601

ICACHE_1_READ_ACCESS	:	100000000
ICACHE_1_WRITE_ACCESS	:	0
ICACHE_1_READ_MISS	:	30
ICACHE_1_WRITE_MISS	:	0
ICACHE_1_READ_MISS_PERC	:	0.000
ICACHE_1_WRITE_MISS_PERC	:	0.000
ICACHE_1_DIRTY_EVICTS	:	0

DCACHE_1_READ_ACCESS	:	30188359
DCACHE_1_WRITE_ACCESS	:	8926260
DCACHE_1_READ_MISS	:	507790
DCACHE_1_WRITE_MISS	:	2740545
DCACHE_1_READ_MISS_PERC	:	1.682
DCACHE_1_WRITE_MISS_PERC	:	30.702
DCACHE_1_DIRTY_EVICTS	:	2739957
DCACHE_1_INVALIDATION_MESSAGES	:	4091
DCACHE_1_GET_X_MESSAGES	:	2740545
DCACHE_1_GET_S_MESSAGES	:	507790
DCACHE_1_PUT_X_MESSAGES	:	2744205
DCACHE_1_CACHE_TO_CACHE_TRANSFERS	:	5166
DCACHE_1_S_TO_M_TRANSITIONS	:	4091
DCACHE_1_I_TO_M_TRANSITIONS	:	2740545
DCACHE_1_M_TO_S_TRANSITIONS	:	4248
DCACHE_1_I_TO_S_TRANSITIONS	:	507790

DCACHE_1_M_TO_I_TRANSITIONS	:	918
DCACHE_1_S_TO_I_TRANSITIONS	:	296

L2CACHE_READ_ACCESS	:	4120557
L2CACHE_WRITE_ACCESS	:	3070272
L2CACHE_READ_MISS	:	3650655
L2CACHE_WRITE_MISS	:	1947503
L2CACHE_READ_MISS_PERC	:	88.596
L2CACHE_WRITE_MISS_PERC	:	63.431
L2CACHE_DIRTY_EVICTS	:	2670392

DRAM_READ_ACCESS	:	3650655
DRAM_WRITE_ACCESS	:	2670392
DRAM_READ_DELAY_AVG	:	139.010
DRAM_WRITE_DELAY_AVG	:	144.867