
sjeng-Lld-small Simulation Results

Number of reference types:

Number of reads	=	1892411647	[18.92%]
Number of writes	=	751653128	[7.52%]
Number of inst	=	7355935225	[73.56%]
Total	=	10000000000	

Total cycles for all activities:

Cycles for reads	=	18132505667	[31.74%]
Cycles for writes	=	10391215163	[18.19%]
Cycles for inst	=	28612202985	[50.08%]
Total time	=	57135923815	

Average cycles per activity:

Read	=	9.58
Write	=	13.82
Inst	=	3.89

Ideal: Exec. Time = 17355935225; CPI = 2.36

Ideal mis-aligned: Exec. Time = 24792861569; CPI = 3.37

Memory level: L1i

Hits	=	12312377087	[98.15%]
Misses	=	231987718	[1.85%]
Total	=	12544364805	
Kickouts	=	231987462, Dirty kickouts = 0, Transfers = 231987718	

Memory level: L1d

Hits	=	3056012220	[90.17%]
Misses	=	333243063	[9.83%]
Total	=	3389255283	
Kickouts	=	333242935, Dirty kickouts = 135165653, Transfers = 333243063	

Memory level: L2

Hits	=	545066603	[77.82%]
Misses	=	155329831	[22.18%]
Total	=	700396434	
Kickouts	=	155329319, Dirty kickouts = 41010847, Transfers = 155329831	

Cost analysis:

L1i cache cost	=	\$200
L1d cache cost	=	\$100
L2 cache cost	=	\$50
Memory cost	=	\$75
Total cost	=	\$425