

Cache		
SIZE (KB)	WAYS	BLOCK (B)
2048	16	32

Baseline								
TRACE	LENGTH (KB)	USED (KB)	REQUESTS	HITS	MISSES	UTIL (%)	HITS (%)	MISSES (%)
bisort.pool	6456	20	245062	244422	640	0.98%	99.74%	0.26%
bisort	6424	32	245062	244038	1024	1.56%	99.58%	0.42%
llu.pool	24759	104.938	900034	896676	3358	5.12%	99.63%	0.37%
llu	24759	52.9062	900034	898341	1693	2.58%	99.81%	0.19%
sort-100.pool	324	1.375	11091	11047	44	0.07%	99.60%	0.40%
sort-100	324	1.625	11091	11039	52	0.08%	99.53%	0.47%
sort.pool	7583	6.40625	255491	255286	205	0.31%	99.92%	0.08%
sort	7582	7.84375	255491	255240	251	0.38%	99.90%	0.10%

Base-Delta								
TRACE	LENGTH (KB)	USED (KB)	REQUESTS	HITS	MISSES	UTIL (%)	HITS (%)	MISSES (%)
bisort.pool	6456	17.625	245062	244422	640	0.86%	99.74%	0.26%
bisort	6424	27.9531	245062	244038	1024	1.36%	99.58%	0.42%
llu.pool	24759	43.7969	900034	833618	66416	2.14%	92.62%	7.38%
llu	24759	28.9531	900034	856785	43249	1.41%	95.19%	4.81%
sort-100.pool	324	0.75	11091	11047	44	0.04%	99.60%	0.40%
sort-100	324	1.46875	11091	11039	52	0.07%	99.53%	0.47%
sort.pool	7583	3.46875	255491	255286	205	0.17%	99.92%	0.08%
sort	7582	7.46875	255491	255240	251	0.36%	99.90%	0.10%

Comparison				
TRACE	UTIL (%)	HITS (%)	MISSES (%)	COMPRESSION
bisort.pool	-0.12%	0.00%	0.00%	11.88%
bisort	-0.20%	0.00%	0.00%	12.65%
llu.pool	-2.99%	-7.01%	7.00%	58.26%
llu	-1.17%	-4.62%	4.62%	45.27%
sort-100.pool	-0.03%	0.00%	0.00%	45.45%
sort-100	-0.01%	0.00%	0.00%	9.62%
sort.pool	-0.14%	0.00%	0.00%	45.85%
sort	-0.02%	0.00%	0.00%	4.78%

Implementation Comparison					Normalized Results		
TRACE	NONE	POOLING	BASE-DELTA	BA + POOL	POOLING	BASE-DELTA	BA + POOL
bisort	32	20	27.9531	17.625	62.50%	87.35%	55.08%
llu	52.9062	104.938	28.9531	43.7969	198.35%	54.73%	82.78%
sort	7.84375	6.40625	7.46875	3.46875	81.67%	95.22%	44.22%