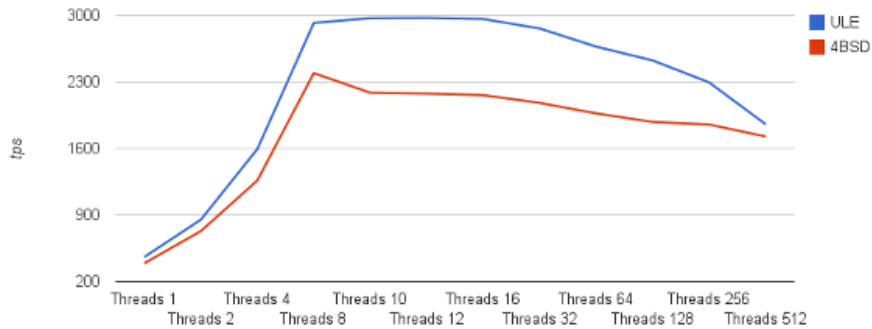
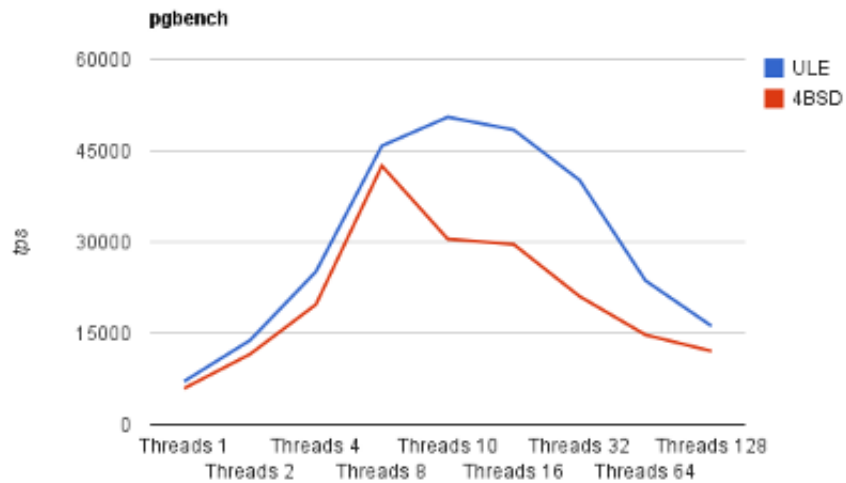


8 Cores CPU: Intel(R) Xeon(R) CPU L5310 @ 1.60GHz (1596.07-MHz K8-class CPU)												
MySQL 5.5.20 avail memory = 4090195968 (3900 MB)												
sysbench --test=oltp --db-driver=mysql --mysql-table-engine=innodb --mysql-socket=/tmp/mysql.sock --mysql-user=root --max-requests=0 --max-time=120 --oltp-read-only=on --num-threads=\$i run												
head/r229659/ULE	Threads 1	Threads 2	Threads 4	Threads 8	Threads 10	Threads 12	Threads 16	Threads 32	Threads 64	Threads 128	Threads 256	Threads 512
Run 1	475.33	869.22	1589.04	2922.96	2966.48	2965.68	2963.96	2872.4	2678.31	2543.36	2240.31	1842.39
Run 2	477.79	857.16	1581.74	2926.22	2972.08	2964.2	2963.41	2859.97	2677.16	2513.4	2273.97	1850.46
Run 3	442.03	873.27	1600.34	2905.8	2970.91	2970.06	2966.07	2857.44	2684.87	2522.14	2321.29	1897.65
Run 4	476.56	834.05	1597.02	2917.4	2972.07	2970.06	2963.51	2863.1	2666.35	2515.9	2270.18	1854.21
Run 5	474.54	858.37	1595.4	2937.07	2972.46	2971.21	2960.8	2866.72	2656.27	2534.4	2252.56	1840.53
Run 6	447.87	858.53	1590.89	2915.54	2973.29	2978.48	2955.78	2863.59	2665.45	2524.01	2509.31	1868.78
Run 7	442.59	842.69	1587.31	2925.48	2968.19	2962.63	2967.16	2864.02	2678.62	2509.6	2253.8	1845.39
Run 8	450.72	845.27	1598.8	2915.74	2976.31	2975.88	2955.26	2858.63	2664.74	2536.7	2310.02	1865.16
Run 9	440.88	837.85	1601.67	2917.49	2973.7	2961.05	2965.57	2857.38	2663.45	2535.65	2272.66	1851.94
Run 10	463.59	835.41	1604.42	2930.03	2968.54	2974.32	2963.18	2863.36	2686.87	2528.41	2251.46	1843.46
ULE	459.19	851.182	1594.663	2921.373	2971.403	2974.2	2962.47	2862.661	2672.209	2526.357	2295.556	1855.997
									-10.647473309608			
head/r229659/4BSD												
Run 1	392.45	728.83	1265.03	2394.33	2184.51	2185.76	2163.23	2091.18	1980.96	1894.77	1850.5	1720.19
Run 2	392.7	730.72	1263.15	2401.45	2185.09	2178.69	2160.57	2079.32	1969.06	1886.86	1856.71	1711.45
Run 3	392.01	734.83	1262.48	2393.18	2187.09	2179.07	2166.45	2078.58	1971.1	1882.34	1849.2	1710.2
Run 4	393.41	730.58	1266.98	2388.68	2185.87	2172.04	2162.28	2079.21	1965.28	1881.13	1850.39	1731.64
Run 5	392.54	729.32	1263.82	2388.86	2178.96	2175.93	2160.83	2081.38	1971.56	1880.83	1857.08	1709.11
Run 6	391.68	732.87	1263.42	2381.31	2190.79	2176.2	2160.45	2079.31	1969.29	1882.61	1848.37	1713.76
Run 7	392.3	730.12	1260.14	2387.71	2183.09	2172.81	2161.99	2077.23	1962.65	1880.27	1854.86	1724.39
Run 8	391.84	729.56	1262.31	2403.53	2193.24	2177.13	2160.16	2073.66	1967.6	1871.09	1847.05	1767.42
Run 9	393.66	730.36	1264.39	2392.71	2185.24	2175.67	2158.91	2078.14	1968.21	1862.26	1857.25	1709.39
Run 10	391.67	732	1265.36	2399.03	2192.37	2179.13	2160.04	2080.52	1967.07	1868.36	1850.76	1765.45
4BSD	392.426	730.919	1263.708	2393.079	2186.625	2177.243	2161.491	2079.853	1969.278	1879.052	1852.217	1726.3
difference with ULE	-17.0131438793556	-16.453669989022	-26.189198770602	-22.0759114095272	-35.8899216829589	-36.60395279	-37.0567816382303	-37.6376599692382	-35.6948587248728	-34.4484878545139	-23.93558638	-7.513004692



PGSQL 9.2.0dev 8 Cores CPU: Intel(R) Xeon(R) CPU L5310 @ 1.60GHz (1596.07-MHz K8-class CPU)									
16.01.2012 avail memory = 4090195968 (3900 MB)									
pgbench -h /tmp -j \$i -c \$i -T120 -S bench100									
head/r229659/UL	Threads 1	Threads 2	Threads 4	Threads 8	Threads 10	Threads 16	Threads 32	Threads 64	Threads 128
Run 1	7201.707154	13789.16092	25449.234386	46401.672253	50339.867189	48572.831305	40348.96847	23797.436722	16117.2906
Run 2	6879.266404	13662.666323	25116.063534	45856.715847	50482.536559	48540.644233	40045.047302	22907.644175	16197.196257
Run 3	6950.065685	13774.957569	23394.302916	44465.949141	50574.779488	48293.954833	39967.452994	24194.9657	16261.150053
Run 4	7098.809684	13653.29016	25745.121728	45575.693737	50393.1358	48538.617474	40147.229299	24007.582442	16185.868998
Run 5	6949.533355	14343.235671	25257.620491	45791.627587	50447.111817	48445.427014	40230.851354	23428.228584	16218.919759
Run 6	6919.81715	14090.915116	25577.25581	46321.331387	50550.688757	48465.6501	40304.787146	23540.638443	16122.523363
Run 7	7433.703025	13731.211247	25307.742574	45618.666821	50686.335202	48635.079171	39934.767766	23711.601586	16244.745886
Run 8	7141.515812	13768.458	25098.356794	46372.234537	50687.319171	48239.626026	40166.890919	23780.7943	16257.720373
Run 9	6914.90782	13807.580079	24755.37931	46065.234958	50695.735724	48237.577765	40218.268648	23918.007558	16157.309473
Run 10	7413.641119	13808.188945	25650.904137	45533.958983	50455.70742	48389.178803	40218.224771	23191.816594	16239.520421
ULE	7090.2967208	13842.966403	25135.198168	45800.3085251	50531.3217127	48435.8586724	40158.2488669	23647.8716104	16200.2245183
head/r229659/4B									
Run 1	5936.853114	11561.437334	19739.893599	42189.662777	30415.234041	29482.689853	21115.976022	14775.017549	12105.666854
Run 2	5949.38595	11572.489794	19747.327097	42700.394842	30393.91136	29629.157799	20941.268754	14750.462212	11941.818211
Run 3	5950.207083	11573.350983	19737.846241	42012.214512	30428.658777	29594.359818	21055.851802	14752.567883	11962.199998
Run 4	5942.038705	11554.305739	19699.105842	42232.771234	30545.698309	29596.302618	21077.680122	14582.7385	11981.352015
Run 5	5944.263087	11569.821416	19731.60915	42625.530593	30532.427574	29670.405472	21029.747167	14789.685085	12176.955852
Run 6	5927.309031	11553.21785	19716.285057	42661.322046	30638.748169	29713.70392	21111.933233	14676.491264	11979.082566
Run 7	5938.961932	11563.330023	19707.698296	42778.659858	30393.857422	29547.762904	21093.726618	14747.154017	12172.244136
Run 8	5957.27941	11560.20093	19757.215415	42574.33113	30551.110957	29669.82952	21076.040857	14780.055637	11992.147719
Run 9	5931.429608	11543.095359	19756.488722	42683.741827	30448.877863	29609.226751	21084.432315	14744.63305	12202.603168
Run 10	5942.784831	11562.620131	19728.179161	42739.146449	30500.72059	29638.674953	21027.34897	14784.402994	12138.030559
4BSD	5942.0512751	11561.3869559	19732.164858	42519.7775268	30484.9245062	29615.2113608	21061.400586	14738.3208191	12065.2101078
difference with UL					5.7583954404184	-63.5506094564358	-90.6722618133674	-60.4516002918986	-34.2722121998254



Parallel BZIP2 v1.1.6		8 Cores CPU: Intel(R) Xeon(R) CPU L5310 @ 1.60GHz (1596.07-MHz K8-class CPU)		avail memory = 4090195968 (3900 MB)		k -s 1GB		head/r/229659/ULE		4 Threads		7 Threads		8 Threads		10 Threads		12 Threads		16 Threads		32 Threads	
Run	4thr real	4thr user	4thr sys	7thr real	7thr user	7thr sys	8thr real	8thr user	8thr sys	10thr real	10thr user	10thr sys	12thr real	12thr user	12thr sys	16thr real	16thr user	16thr sys	32thr real	32thr user	32thr sys		
Run 1	119.43	459.09	23.9	80.55	525.91	27.26	79.12	555.51	26.54	76.09	573.49	25.92	75.66	574.63	25.22	76.03	579.17	24.62	103.96	635.72	48.44		
Run 2	120.61	465.51	22.87	81.57	532.07	27.16	77.84	554.22	26.74	75.8	572.09	25.91	75.2	570.59	25.61	76.1	581.25	24.59	105.09	642.27	49.75		
Run 3	122.01	467.02	26.7	83.1	535.02	27.61	78	566.19	26.05	74.29	560.31	24.82	75.72	570.49	25.69	76.57	581.52	24.46	104.12	625.72	48.8		
Run 4	120.29	465.32	21.49	81.1	532.74	28.03	78.79	562.03	26.21	74.5	561.19	24.7	75.67	571.66	25.16	76.22	582.29	23.79	103.62	626.67	47.82		
Run 5	122.02	467.89	25.74	81.39	522.49	25.99	77.91	563.12	26.86	75.01	564.79	25.34	75.45	570.43	24.63	76.07	580.29	24.9	104.15	633.94	48.89		
Run 6	120.73	465.56	23.11	82.52	536.09	27.85	79.32	595.66	27.15	75.72	571.83	26.51	75.38	573.01	24.96	75.91	576.16	24.59	105.42	630.64	52.85		
Run 7	121.48	466.58	25.02	82.31	528.27	27.14	79.86	551.9	27.07	76.02	571	25.99	75	569.79	24.95	75.8	578.67	24.31	104.07	640.48	48.99		
Run 8	120.85	465.91	22.19	81.82	539.78	27.62	80.85	541.93	26.02	75.5	568.93	25.6	75.58	572.27	24.71	76.04	580.5	24.52	103.97	635.09	48.68		
Run 9	121.57	466.59	25.08	84.8	528.73	27.48	77.5	564.91	25.89	74.81	563.83	25.41	75.27	568.36	25.23	76.51	584.1	24.1	103.85	635.28	49.18		
Run 10	120.87	466.09	22.99	83.63	535.71	27.99	79.59	554.95	26.13	75.83	570.43	25.87	74.69	565.59	24.49	75.91	579.23	24.38	103.54	633.21	47.17		
ULE	120.966	465.556	23.909	82.279	531.681	27.413	78.878	561.042	26.366	75.337	567.789	25.607	75.362	570.682	25.065	76.116	580.318	24.426	104.179	634.202	49.057		
head/r/229659/4BS																							
Run 1	117.28	455.78	19.31	77.56	520.71	25.48	75.35	572.64	27.23	79.71	605.58	28.63	77.83	592.68	27.16	80.66	613.94	29.25	80.07	608.06	30.5		
Run 2	119.02	461.5	20.09	77.85	521.82	26.32	75.47	574.13	26.69	78.66	598.89	27.52	78.37	597.09	26.85	81.69	618.82	31.47	79.4	605.71	27.94		
Run 3	116.6	451.95	19.79	77.07	517.13	25.34	73.02	566.72	24.79	78.57	599.43	26.26	79.94	608.84	28.44	79.59	605.39	29.14	79.37	603.16	29.33		
Run 4	114.69	444.56	20.2	78.05	522.61	26.77	73.18	558.67	24.62	78.76	600.87	26.87	79.39	605.48	27.28	79.1	603.17	27.88	78.92	602.46	27.42		
Run 5	116.76	452.66	19.84	78.92	528.77	27.08	74.4	565.96	26.34	78.2	596.33	26.57	80.2	608.75	30.1	78.49	598.94	27.3	77.77	593.25	27.49		
Run 6	115.81	447.63	20.44	77.05	517.16	25.45	73.94	563.12	25.67	80.16	609.59	28.31	82.76	627.34	32.5	78.87	601.47	27.52	78.75	600.77	27.11		
Run 7	114.47	443.78	19.63	78.13	523.36	26.42	73.1	557.62	24.69	78.91	601.87	26.83	80.22	607.7	29.76	79.34	604.67	28.72	78.71	600.11	28.5		
Run 8	117.17	455.46	18.79	79	528.7	27.3	73.47	560.37	25.16	79.78	607.35	28	79.23	604.71	27.5	80.04	609.06	28.6	78.22	597.51	26.85		
Run 9	116.72	451.75	20.43	79.26	530.66	27.69	73.87	563.21	25.81	80.51	612.93	28.53	79.32	604.43	27.63	78.9	600.93	28.5	78.84	600.98	28.05		
Run 10	116.94	453.8	19.16	78.47	525.37	26.89	74.69	568.79	26.38	79.15	602.94	27.39	81.94	622.31	30.71	78.81	600.29	28.33	78.53	598.46	27.89		
4BSD	116.526	451.887	19.768	78.136	523.629	26.472	74.049	564.123	25.738	79.241	603.578	27.491	79.92	607.933	28.793	79.549	605.668	28.671	78.858	601.047	28.088		
difference with ULE	-3.8103084290201	-3.0248711	-20.9479967624444	-5.30229343708404	-1.53772995766087	-3.55469930492596	-6.5213574795068	0.5461574866	-2.439972025	4.92674246917629	5.9294739035	6.8531519406	5.70320320320321	6.1274844431	12.9475914284	4.315579077	4.1854613416	14.805901433	-32.10961475	-5.516207551	-74.65465679		
real times	Threads 4	Threads 7	Threads 8	Threads 10	Threads 12	Threads 16	Threads 32																
ULE	120.966	82.279	78.878	75.337	75.362	76.116	104.179																
4BSD	116.526	78.136	74.049	79.241	79.92	79.549	78.858																

