

Intel IvyBridge-EP

Benchmark	(bias)	(cmp)	(count)	(encoding)	(imageSize)	(seed)	(size)	Mode	Cnt	BASE		SD		NOSD		Units	BASE/SD	BASE/NOSD
										Score	Error	Score	Error	Score	Error			
CharAt.spoiled	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	5.406	0.08	5.422	0.01	5.652	0.08 ns/op	1.00	0.96	
CharAt.stream	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	4.32	0.01	4.521	0.04	4.285	0.02 ns/op	0.96	1.01	
CodePointAt.spoiled	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	6.223	0.85	5.962	0.14	5.55	0.03 ns/op	1.04	1.12	
CodePointAt.stream	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	4.287	0.09	4.665	0.04	4.471	0.03 ns/op	0.92	0.96	
CodePointBefore.spoiled	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	5.168	0.04	5.805	0.05	5.491	0.05 ns/op	0.89	0.94	
CodePointBefore.stream	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	4.753	0.02	5.206	0.02	4.914	0.08 ns/op	0.91	0.97	
CodePointCount.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	3.172	0.04	3.968	0.02	3.224	0.01 ns/op	0.80	0.98	
CompareTo.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	6.242	0.02	6.359	0.01	6.047	0.10 ns/op	0.98	1.03	
Equals.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	5.469	0.02	6.638	0.02	5.759	0.01 ns/op	0.82	0.95	
FromCharArray.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	14.16	0.06	20.821	0.16	15.872	0.12 ns/op	0.68	0.89	
HashCode.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	5.186	0.01	3.938	0.02	5.132	0.20 ns/op	1.32	1.01	
IndexOfChar.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	7.859	0.11	9.005	0.05	8.724	0.04 ns/op	0.87	0.90	
IndexOfString.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	7.832	0.04	8.985	0.05	8.771	0.08 ns/op	0.87	0.89	
PairSelect.baseline		0	N/A	10000	N/A	N/A		avgt	100	35.169	0.07	38.881	3.43	35.287	0.11 us/op	0.90	1.00	
PairSelect.baseline		0.25	N/A	10000	N/A	N/A		avgt	100	35.154	0.09	35.839	0.28	36.706	2.11 us/op	0.98	0.96	
PairSelect.baseline		0.5	N/A	10000	N/A	N/A		avgt	100	35.212	0.09	35.819	0.28	35.329	0.14 us/op	0.98	1.00	
PairSelect.baseline		0.75	N/A	10000	N/A	N/A		avgt	100	35.248	0.10	35.585	0.13	35.373	0.09 us/op	0.99	1.00	
PairSelect.baseline		1	N/A	10000	N/A	N/A		avgt	100	35.289	0.14	36.366	1.68	35.297	0.08 us/op	0.97	1.00	
PairSelect.baselineRef		0	N/A	10000	N/A	N/A		avgt	100	101.837	1.13	102.726	1.05	101.408	0.96 us/op	0.99	1.00	
PairSelect.baselineRef		0.25	N/A	10000	N/A	N/A		avgt	100	101.391	0.92	104.392	1.53	101.661	1.03 us/op	0.97	1.00	
PairSelect.baselineRef		0.5	N/A	10000	N/A	N/A		avgt	100	101.708	1.03	103.007	1.00	101.757	1.05 us/op	0.99	1.00	
PairSelect.baselineRef		0.75	N/A	10000	N/A	N/A		avgt	100	100.957	1.00	104.301	1.70	101.629	1.02 us/op	0.97	0.99	
PairSelect.baselineRef		1	N/A	10000	N/A	N/A		avgt	100	101.305	1.05	103.636	1.53	100.586	1.07 us/op	0.98	1.01	
PairSelect.selectByFirst		0	N/A	10000	N/A	N/A		avgt	100	120.991	0.81	122.005	1.34	121.37	0.75 us/op	0.99	1.00	
PairSelect.selectByFirst		0.25	N/A	10000	N/A	N/A		avgt	100	149.487	0.61	151.134	1.64	149.011	0.36 us/op	0.99	1.00	
PairSelect.selectByFirst		0.5	N/A	10000	N/A	N/A		avgt	100	174.539	0.49	176.939	1.00	175.116	0.45 us/op	0.99	1.00	
PairSelect.selectByFirst		0.75	N/A	10000	N/A	N/A		avgt	100	149.311	0.45	150.181	0.65	149.643	0.56 us/op	0.99	1.00	
PairSelect.selectByFirst		1	N/A	10000	N/A	N/A		avgt	100	120.224	0.89	120.71	0.82	121.02	0.74 us/op	1.00	0.99	
PairSelect.selectByFirstUnsafe		0	N/A	10000	N/A	N/A		avgt	100	114.213	0.76	115.177	0.81	113.771	0.71 us/op	0.99	1.00	
PairSelect.selectByFirstUnsafe		0.25	N/A	10000	N/A	N/A		avgt	100	144.401	0.63	148.018	1.24	143.937	0.30 us/op	0.98	1.00	
PairSelect.selectByFirstUnsafe		0.5	N/A	10000	N/A	N/A		avgt	100	170.699	0.78	173.503	1.20	170.848	0.61 us/op	0.98	1.00	
PairSelect.selectByFirstUnsafe		0.75	N/A	10000	N/A	N/A		avgt	100	144.005	0.46	144.784	0.79	144.431	0.75 us/op	0.99	1.00	
PairSelect.selectByFirstUnsafe		1	N/A	10000	N/A	N/A		avgt	100	113.426	0.60	116.417	0.99	114.022	0.77 us/op	0.97	0.99	
PairSelect.selectByID		0	N/A	10000	N/A	N/A		avgt	100	108.223	0.90	109.355	1.85	107.712	0.79 us/op	0.99	1.00	
PairSelect.selectByID		0.25	N/A	10000	N/A	N/A		avgt	100	130.931	0.75	133.084	1.54	130.957	0.43 us/op	0.98	1.00	
PairSelect.selectByID		0.5	N/A	10000	N/A	N/A		avgt	100	150.723	0.44	158.11	3.75	150.872	0.46 us/op	0.95	1.00	
PairSelect.selectByID		0.75	N/A	10000	N/A	N/A		avgt	100	131.216	0.55	137.376	2.00	131.342	0.50 us/op	0.96	1.00	
PairSelect.selectByID		1	N/A	10000	N/A	N/A		avgt	100	108.149	0.92	109.253	1.44	107.211	0.99 us/op	0.99	1.01	
PairSelect.selectByLen		0	N/A	10000	N/A	N/A		avgt	100	117.449	0.74	117.784	1.67	116.737	0.57 us/op	1.00	1.01	
PairSelect.selectByLen		0.25	N/A	10000	N/A	N/A		avgt	100	148.73	0.35	149.852	1.19	148.455	0.63 us/op	0.99	1.00	
PairSelect.selectByLen		0.5	N/A	10000	N/A	N/A		avgt	100	176.644	0.79	180.821	4.19	175.26	0.55 us/op	0.98	1.01	
PairSelect.selectByLen		0.75	N/A	10000	N/A	N/A		avgt	100	148.368	0.37	153.834	3.71	149.087	0.74 us/op	0.96	1.00	
PairSelect.selectByLen		1	N/A	10000	N/A	N/A		avgt	100	117.644	0.64	119.866	2.18	116.931	0.75 us/op	0.98	1.01	
ToCharArray.test	N/A	0.5	N/A	N/A	N/A	12345678900		1 avgt	50	11.019	0.03	12.38	0.03	12.753	0.52 ns/op	0.89	0.86	
charat.CharAtBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A		1 avgt	50	4.607	0.00	4.859	0.02	5.28	0.09 ns/op	0.95	0.87	
charat.CharAtBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A		64 avgt	50	195.276	0.76	196.064	0.78	215.637	1.00 ns/op	1.00	0.91	
charat.CharAtBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A		4096 avgt	50	11906.628	51.74	12023.194	4.92	13081.055	42.29 ns/op	0.99	0.91	
charat.CharAtBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A		1 avgt	50	4.64	0.02	5.233	0.02	5.252	0.11 ns/op	0.89	0.88	
charat.CharAtBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A		64 avgt	50	194.787	0.56	216.453	0.84	212.011	0.17 ns/op	0.90	0.92	
charat.CharAtBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A		4096 avgt	50	11862.951	40.53	13191.916	37.28	13033.998	8.18 ns/op	0.90	0.91	
charat.CharAtStreamBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A		1 avgt	50	3.618	0.01	4.2	0.03	3.861	0.01 ns/op	0.86	0.94	

Coder selection overhead

Intel IvyBridge-EP

charat.CharAtStreamBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	21.505	0.10	21.727	0.09	23.089	0.10 ns/op	0.99	0.93
charat.CharAtStreamBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1185.93	3.59	1186.009	4.08	1196.389	6.01 ns/op	1.00	0.99
charat.CharAtStreamBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	3.669	0.02	4.665	0.04	3.855	0.01 ns/op	0.79	0.95
charat.CharAtStreamBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	21.62	0.11	24.607	0.18	23.117	0.13 ns/op	0.88	0.94
charat.CharAtStreamBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1183.749	0.59	1192.991	4.98	1191.486	5.85 ns/op	0.99	0.99
compareto.CompareToBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.257	0.02	6.599	0.03	5.996	0.02 ns/op	0.95	1.04
compareto.CompareToBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	23.659	0.13	14.951	0.02	22.72	0.65 ns/op	1.58	1.04
compareto.CompareToBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1190.312	0.37	598.538	7.74	1246.809	45.81 ns/op	1.99	0.95
compareto.CompareToBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.269	0.03	6.839	0.02	6.001	0.01 ns/op	0.92	1.04
compareto.CompareToBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	23.606	0.07	26.514	0.12	23.213	0.78 ns/op	0.89	1.02
compareto.CompareToBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1193.109	3.39	1341.71	6.01	1339.6	4.46 ns/op	0.89	0.89
compareto.CompareToBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.238	0.02	7.388	0.01	6.114	0.11 ns/op	0.84	1.02
compareto.CompareToBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	23.532	0.01	26.842	0.11	22.112	0.15 ns/op	0.88	1.06
compareto.CompareToBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1192.87	4.31	1341.583	4.92	1316.68	26.47 ns/op	0.89	0.91
compareto.CompareToBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.247	0.03	6.391	0.03	5.996	0.01 ns/op	0.98	1.04
compareto.CompareToBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	23.597	0.08	26.143	0.05	23.88	0.73 ns/op	0.90	0.99
compareto.CompareToBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1193.257	3.87	1189.443	4.23	1337.791	2.89 ns/op	1.00	0.89
concat.ConcatCharBench.test_char1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.681	0.13	20.817	0.04	16.554	0.10 ns/op	0.80	1.01
concat.ConcatCharBench.test_char1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	35.965	1.18	26.72	0.63	36.003	1.69 ns/op	1.35	1.00
concat.ConcatCharBench.test_char1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1914.285	156.85	1023.339	87.00	1950.523	129.47 ns/op	1.87	0.98
concat.ConcatCharBench.test_char1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.783	0.06	18.357	0.07	16.471	0.11 ns/op	0.91	1.02
concat.ConcatCharBench.test_char1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	36.08	1.50	35.516	2.32	27.2	2.50 ns/op	1.02	1.33
concat.ConcatCharBench.test_char1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2072.126	5.58	1757.383	192.93	1600.371	186.88 ns/op	1.18	1.29
concat.ConcatCharBench.test_char2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.71	0.11	17.358	0.07	16.235	0.05 ns/op	0.96	1.03
concat.ConcatCharBench.test_char2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	36.571	1.56	30.581	2.96	32.151	3.04 ns/op	1.20	1.14
concat.ConcatCharBench.test_char2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1753.943	191.66	1886.945	149.85	1759.756	192.83 ns/op	0.93	1.00
concat.ConcatCharBench.test_char2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.555	0.13	18.398	0.11	16.513	0.11 ns/op	0.90	1.00
concat.ConcatCharBench.test_char2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	28.065	2.40	32.971	2.82	37.109	0.19 ns/op	0.85	0.76
concat.ConcatCharBench.test_char2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1288.389	2.17	1757.315	191.51	1574.744	181.33 ns/op	0.73	0.82
concat.ConcatCharBench.test_cmp1_char1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.529	0.15	19.65	0.12	16.877	0.17 ns/op	0.84	0.98
concat.ConcatCharBench.test_cmp1_char1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	29.708	3.09	25.764	0.75	29.959	2.95 ns/op	1.15	0.99
concat.ConcatCharBench.test_cmp1_char1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1432.87	157.41	746.878	86.03	1433.068	154.33 ns/op	1.92	1.00
concat.ConcatCharBench.test_cmp1_char2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.566	0.10	17.267	0.06	16.663	0.11 ns/op	0.96	0.99
concat.ConcatCharBench.test_cmp1_char2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	33.969	2.41	28.45	2.35	37.237	0.09 ns/op	1.19	0.91
concat.ConcatCharBench.test_cmp1_char2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1968.789	113.90	2028.36	5.35	2051.53	3.79 ns/op	0.97	0.96
concat.ConcatCharBench.test_cmp2_char1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.345	0.07	18.519	0.05	16.727	0.11 ns/op	0.88	0.98
concat.ConcatCharBench.test_cmp2_char1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	32.459	2.50	38.013	0.06	36.564	1.13 ns/op	0.85	0.89
concat.ConcatCharBench.test_cmp2_char1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1584.427	191.67	1985.081	94.34	2035.383	5.38 ns/op	0.80	0.78
concat.ConcatCharBench.test_cmp2_char2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.801	0.05	18.397	0.06	16.87	0.05 ns/op	0.91	1.00
concat.ConcatCharBench.test_cmp2_char2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	36.259	0.98	38.105	0.08	34.668	2.42 ns/op	0.95	1.05
concat.ConcatCharBench.test_cmp2_char2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2048.51	5.76	1732.004	189.10	1735.553	188.74 ns/op	1.18	1.18
concat.ConcatIntBench.test_cmp1_int	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	26.514	0.09	28.309	0.07	26.947	1.21 ns/op	0.94	0.98
concat.ConcatIntBench.test_cmp1_int	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	40.114	0.25	31.77	0.23	40.741	0.13 ns/op	1.26	0.98
concat.ConcatIntBench.test_cmp1_int	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1436.487	159.70	848.333	107.90	1755.282	194.73 ns/op	1.69	0.82
concat.ConcatIntBench.test_cmp2_int	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	26.589	0.05	27.515	0.71	27.94	0.06 ns/op	0.97	0.95
concat.ConcatIntBench.test_cmp2_int	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	38.259	1.51	36.028	1.71	39.18	1.49 ns/op	1.06	0.98
concat.ConcatIntBench.test_cmp2_int	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2069.706	8.03	1821.629	171.16	2063.516	9.76 ns/op	1.14	1.00
concat.ConcatIntBench.test_int_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	26.104	0.04	27.439	1.25	26.159	0.07 ns/op	0.95	1.00
concat.ConcatIntBench.test_int_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	39.69	0.14	32.501	0.35	39.4	0.18 ns/op	1.22	1.01
concat.ConcatIntBench.test_int_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1975.73	120.92	934.519	106.13	1719.16	186.95 ns/op	2.11	1.15
concat.ConcatIntBench.test_int_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	26.145	0.11	27.586	0.06	26.045	0.03 ns/op	0.95	1.00
concat.ConcatIntBench.test_int_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	36.369	1.87	36.371	1.66	36.405	1.90 ns/op	1.00	1.00
concat.ConcatIntBench.test_int_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2075.13	5.48	1520.24	179.19	2066.384	6.69 ns/op	1.37	1.00

Cross coder intrinsics perform worse

Intel IvyBridge-EP

concat.ConcatLongBench.test_cmp1_long	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	34.715	0.26	34.271	0.26	33.816	0.19 ns/op	1.01	1.03
concat.ConcatLongBench.test_cmp1_long	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	148.045	7.54	100.532	1.49	147.663	7.59 ns/op	1.47	1.00
concat.ConcatLongBench.test_cmp1_long	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	10560.433	35.46	4963.954	558.87	8182.811	954.01 ns/op	2.13	1.29
concat.ConcatLongBench.test_cmp2_long	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	34.934	0.18	46.522	0.32	33.563	0.28 ns/op	0.75	1.04
concat.ConcatLongBench.test_cmp2_long	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	140.615	8.86	188.641	10.50	148.124	7.99 ns/op	0.75	0.95
concat.ConcatLongBench.test_cmp2_long	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	9777.657	794.94	12066.742	53.45	8640.332	921.14 ns/op	0.81	1.13
concat.ConcatLongBench.test_long_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	34.893	0.26	35.287	0.39	33.748	0.37 ns/op	0.99	1.03
concat.ConcatLongBench.test_long_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	78.657	2.84	72.158	0.68	85.767	2.97 ns/op	1.09	0.92
concat.ConcatLongBench.test_long_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	4273.635	488.46	2030.585	222.50	3463.403	12.08 ns/op	2.10	1.23
concat.ConcatLongBench.test_long_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	34.848	0.18	50.976	0.24	33.655	0.42 ns/op	0.68	1.04
concat.ConcatLongBench.test_long_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	80.037	2.71	119.312	5.00	77.012	3.02 ns/op	0.67	1.04
concat.ConcatLongBench.test_long_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	3481.701	13.76	4771.265	526.51	4250.577	481.62 ns/op	0.73	0.82
concat.ConcatSimpleBench.base1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	8.91	0.08	8.839	0.08	8.976	0.08 ns/op	1.01	0.99
concat.ConcatSimpleBench.base1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	8.764	0.09	9.024	0.08	8.843	0.09 ns/op	0.97	0.99
concat.ConcatSimpleBench.base1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	8.797	0.08	8.918	0.09	8.867	0.08 ns/op	0.99	0.99
concat.ConcatSimpleBench.base2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	8.669	0.02	8.997	0.10	9.193	0.08 ns/op	0.96	0.94
concat.ConcatSimpleBench.base2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	8.84	0.06	9.069	0.10	9.082	0.04 ns/op	0.97	0.97
concat.ConcatSimpleBench.base2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	8.713	0.10	8.959	0.09	8.914	0.08 ns/op	0.97	0.98
concat.ConcatSimpleBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.072	0.11	18.013	0.10	16.199	0.11 ns/op	0.89	0.99
concat.ConcatSimpleBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	33.27	2.37	23.223	0.65	33.156	2.33 ns/op	1.43	1.00
concat.ConcatSimpleBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2051.623	5.21	861.052	109.94	1893.503	155.39 ns/op	2.38	1.08
concat.ConcatSimpleBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.066	0.14	17.754	0.07	16.106	0.10 ns/op	0.90	1.00
concat.ConcatSimpleBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	34.87	0.71	33.392	2.09	28.769	2.78 ns/op	1.04	1.21
concat.ConcatSimpleBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1901.894	155.95	1590.039	190.47	1586.232	194.50 ns/op	1.20	1.20
concat.ConcatStringsBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.222	0.18	18.005	0.05	16.038	0.13 ns/op	0.90	1.01
concat.ConcatStringsBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	30.313	2.61	21.699	0.87	35.603	0.10 ns/op	1.40	0.85
concat.ConcatStringsBench.test_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1591.164	190.42	771.722	92.95	1931.886	142.01 ns/op	2.06	0.82
concat.ConcatStringsBench.test_cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	22.768	0.09	28.566	0.32	23.793	0.07 ns/op	0.80	0.96
concat.ConcatStringsBench.test_cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	48.4	5.32	39.831	0.51	58.073	6.33 ns/op	1.22	0.83
concat.ConcatStringsBench.test_cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2450.934	19.29	2100.387	3.92	3071.4	360.79 ns/op	1.17	0.80
concat.ConcatStringsBench.test_cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	22.764	0.07	22.844	0.46	23.837	0.06 ns/op	1.00	0.95
concat.ConcatStringsBench.test_cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	48.628	5.32	69.221	0.20	52.889	5.41 ns/op	0.70	0.92
concat.ConcatStringsBench.test_cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	3070.707	354.51	3621.479	291.00	3364.447	353.58 ns/op	0.85	0.91
concat.ConcatStringsBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	16.496	0.40	17.979	0.11	16.056	0.08 ns/op	0.92	1.03
concat.ConcatStringsBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	30.96	2.87	31.35	2.55	33.289	2.32 ns/op	0.99	0.93
concat.ConcatStringsBench.test_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1903.352	151.98	1579.467	188.48	2001.992	46.28 ns/op	1.21	0.95
concat.ConcatStringsBench.test_cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	22.82	0.11	22.653	0.05	23.76	0.03 ns/op	1.01	0.96
concat.ConcatStringsBench.test_cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	59.968	6.24	54.367	6.19	58.217	7.20 ns/op	1.10	1.03
concat.ConcatStringsBench.test_cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	3520.613	290.69	3312.678	338.22	3368.383	355.00 ns/op	1.06	1.05
concat.ConcatStringsBench.test_cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	22.838	0.05	25.337	0.08	23.814	0.07 ns/op	0.90	0.96
concat.ConcatStringsBench.test_cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	44.347	2.59	54.724	5.95	64.301	5.13 ns/op	0.81	0.69
concat.ConcatStringsBench.test_cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2468.991	12.22	3066.34	364.90	2768.27	289.22 ns/op	0.81	0.89
construct.ConstructBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	14.028	0.14	14.228	0.13	15.934	0.12 ns/op	0.99	0.88
construct.ConstructBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	27.667	3.10	23.702	0.56	25.229	2.64 ns/op	1.17	1.10
construct.ConstructBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1860.766	152.26	1102.72	40.18	1910.094	157.11 ns/op	1.69	0.97
construct.ConstructBench.cmp2_beg	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	14.477	0.04	20.957	0.15	15.796	0.15 ns/op	0.69	0.92
construct.ConstructBench.cmp2_beg	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	31.522	2.62	46.981	3.62	27.352	3.05 ns/op	0.67	1.15
construct.ConstructBench.cmp2_beg	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	2057.148	8.37	2244.223	143.93	1428.806	158.70 ns/op	0.92	1.44
construct.ConstructBench.cmp2_end	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	13.889	0.05	20.886	0.06	15.603	0.14 ns/op	0.66	0.89
construct.ConstructBench.cmp2_end	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	30.383	3.15	49.838	2.53	27.681	3.17 ns/op	0.61	1.10
construct.ConstructBench.cmp2_end	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1649.562	193.14	2675.999	295.45	1445.479	155.29 ns/op	0.62	1.14
encoding.From.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	45.691	1.86	34.096	1.07	47.886	2.87 ns/op	1.34	0.95
encoding.From.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	95.222	0.36	63.356	1.19	96.822	0.53 ns/op	1.50	0.98

Double allocation and UTF16 scanning overhead

Intel IvyBridge-EP

encoding.From.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	5028.893	234.54	3310.624	34.98	5781.228	448.50 ns/op	1.52	0.87
encoding.From.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	115.098	0.80	95.423	4.29	112.624	4.77 ns/op	1.21	1.02
encoding.From.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	448.785	13.50	446.307	8.19	448.906	14.28 ns/op	1.01	1.00
encoding.From.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	21429.492	795.99	20956.359	80.68	21373.592	635.94 ns/op	1.02	1.00
encoding.From.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	42.963	1.48	28.877	1.58	29.219	2.28 ns/op	1.49	1.47
encoding.From.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	86.676	0.38	36.397	0.29	34.867	0.34 ns/op	2.38	2.49
encoding.From.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	3990.113	244.44	966.773	112.12	1602.064	189.26 ns/op	4.13	2.49
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	56.213	3.37	49.177	2.62	58.279	3.24 ns/op	1.14	0.96
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	127.478	1.00	172.118	6.05	127.476	0.44 ns/op	0.74	1.00
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	6996.794	373.23	9961.494	326.79	8468.177	400.26 ns/op	0.70	0.83
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	111.393	4.49	97.413	5.04	96.624	4.64 ns/op	1.14	1.15
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	450.194	14.63	437.526	7.43	460.313	16.59 ns/op	1.03	0.98
encoding.From.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	20864.039	850.44	20333.225	807.23	21569.258	823.19 ns/op	1.03	0.97
encoding.From.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	42.912	1.71	31.307	1.72	24.798	1.48 ns/op	1.37	1.73
encoding.From.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	86.458	0.38	36.749	0.33	39.366	1.28 ns/op	2.35	2.20
encoding.From.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	4485.037	292.78	873.991	110.17	1599.694	188.89 ns/op	5.13	2.80
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	59.049	3.44	58.559	3.49	65.569	1.06 ns/op	1.01	0.90
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	110.389	6.17	127.569	1.49	123.781	0.45 ns/op	0.87	0.89
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	6624.374	479.80	6232.642	9.11	8848.96	22.71 ns/op	1.06	0.75
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	102.977	5.68	119.409	3.73	97.44	5.44 ns/op	0.86	1.06
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	415.901	19.21	431.712	20.10	429.954	19.15 ns/op	0.96	0.97
encoding.From.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	19236.191	753.35	21765.78	834.93	19927.785	952.41 ns/op	0.88	0.97
encoding.From.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	42.289	1.37	32.111	1.65	28.711	0.27 ns/op	1.32	1.47
encoding.From.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	85.902	0.19	34.908	1.36	39.994	1.32 ns/op	2.46	2.15
encoding.From.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	4067.418	260.89	872.589	109.66	1934.461	134.31 ns/op	4.66	2.10
encoding.From.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	56.738	3.37	48.77	2.65	54.521	3.28 ns/op	1.16	1.04
encoding.From.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	116.68	1.16	172.403	4.83	124.102	0.35 ns/op	0.68	0.94
encoding.From.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	6992.265	474.81	10084.048	351.59	8712.368	22.38 ns/op	0.69	0.80
encoding.From.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	111.03	4.28	110.713	4.73	106.923	6.43 ns/op	1.00	1.04
encoding.From.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	445.995	16.86	438.895	14.79	448.467	9.53 ns/op	1.02	0.99
encoding.From.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	21590.712	857.84	20568.452	552.09	20859.752	783.20 ns/op	1.05	1.04
encoding.From.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	41.785	1.04	30.34	1.49	28.464	0.14 ns/op	1.38	1.47
encoding.From.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	86.191	0.32	33.907	1.31	38.047	1.34 ns/op	2.54	2.27
encoding.From.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	4000.579	227.30	691.697	1.92	1898.262	151.90 ns/op	5.78	2.11
encoding.From.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	54.422	1.63	65.891	1.39	57.601	3.56 ns/op	0.83	0.94
encoding.From.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	115.4	0.39	113.722	2.45	123	2.23 ns/op	1.01	0.94
encoding.From.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	6241.907	391.49	6899.296	532.80	6860.036	505.91 ns/op	0.90	0.91
encoding.From.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	110.976	4.69	122.019	0.91	116.938	0.45 ns/op	0.91	0.95
encoding.From.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	407.897	16.99	437.979	21.63	418.058	16.35 ns/op	0.93	0.98
encoding.From.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	21805.806	1088.93	21639.42	925.01	20898.413	1199.75 ns/op	1.01	1.04
encoding.From.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	42.489	1.59	31.162	1.72	28.614	0.09 ns/op	1.36	1.48
encoding.From.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	85.97	0.29	37.057	0.40	39.759	0.60 ns/op	2.32	2.16
encoding.From.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	4476.61	297.78	782.033	91.19	1592.18	188.90 ns/op	5.72	2.81
encoding.To.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	45.209	0.23	43.034	1.06	44.101	1.20 ns/op	1.05	1.03
encoding.To.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	98.032	0.38	85.139	3.70	99.368	0.62 ns/op	1.15	0.99
encoding.To.ascii	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	5641.046	11.23	5948.497	23.17	6958.047	422.95 ns/op	0.95	0.81
encoding.To.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	74.732	0.73	70.352	0.79	75.786	0.84 ns/op	1.06	0.99
encoding.To.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	221.462	1.32	239.815	2.00	235.464	2.19 ns/op	0.92	0.94
encoding.To.ascii	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	18681.518	2579.43	19510.439	2442.84	18953.703	2414.40 ns/op	0.96	0.99
encoding.To.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	41.603	0.69	16.544	0.86	27.049	0.33 ns/op	2.51	1.54
encoding.To.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	54.501	3.21	21.993	0.19	38.652	0.19 ns/op	2.48	1.41
encoding.To.ascii	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	1563.664	159.09	1090.172	3.56	1283.39	3.34 ns/op	1.43	1.22
encoding.To.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	47.862	1.34	35.697	0.46	47.835	1.27 ns/op	1.34	1.00

Intel IvyBridge-EP

encoding.To.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	143.992	2.39	133.864	6.14	111.743	0.57 ns/op	1.08	1.29
encoding.To.beg_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	8487.991	524.28	7221.85	284.88	5981.155	350.99 ns/op	1.18	1.42
encoding.To.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	74.809	1.02	70.509	0.48	75.561	1.08 ns/op	1.06	0.99
encoding.To.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	228.727	1.96	242.152	1.76	225.843	9.15 ns/op	0.94	1.01
encoding.To.beg_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	14900.425	596.26	20139.504	2876.59	17573.062	36.30 ns/op	0.74	0.85
encoding.To.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	41.423	0.45	15.593	0.11	27.184	0.23 ns/op	2.66	1.52
encoding.To.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	59.185	1.07	22.125	0.16	38.445	0.19 ns/op	2.68	1.54
encoding.To.beg_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	1866.824	109.98	1090.665	3.92	1936.253	10.53 ns/op	1.71	0.96
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	43.279	0.25	38.086	0.49	40.525	0.49 ns/op	1.14	1.07
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	142.437	4.45	198.836	10.39	186.197	11.21 ns/op	0.72	0.76
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	9765.956	371.67	11963.089	420.27	12047.001	461.76 ns/op	0.82	0.81
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	74.707	0.77	74.749	0.69	75.084	0.50 ns/op	1.00	0.99
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	229.203	0.66	236.613	2.22	240.048	1.97 ns/op	0.97	0.95
encoding.To.beg_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	18783.703	2675.33	19275.816	2725.20	17193.129	2442.29 ns/op	0.97	1.09
encoding.To.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	44.556	0.38	28.958	0.31	27.821	0.27 ns/op	1.54	1.60
encoding.To.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	65.462	4.09	52.117	2.31	47.174	2.46 ns/op	1.26	1.39
encoding.To.beg_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	1709.995	148.70	1591.249	154.24	1572.712	155.07 ns/op	1.07	1.09
encoding.To.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	48.755	1.89	36.193	0.33	47.47	0.33 ns/op	1.35	1.03
encoding.To.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	107.51	1.69	134.555	1.60	102.984	0.95 ns/op	0.80	1.04
encoding.To.end_00FF	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	7789.385	22.94	7000.853	225.42	6535.913	515.34 ns/op	1.11	1.19
encoding.To.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	75.503	1.16	70.442	0.72	74.955	0.88 ns/op	1.07	1.01
encoding.To.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	224.686	1.04	232.955	10.30	229.317	0.32 ns/op	0.96	0.98
encoding.To.end_00FF	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	16657.895	2065.32	20210.166	4163.43	20447.075	2292.33 ns/op	0.82	0.81
encoding.To.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	41.455	0.54	17.018	0.92	27.141	0.29 ns/op	2.44	1.53
encoding.To.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	50.02	2.67	21.967	0.21	36.936	1.51 ns/op	2.28	1.35
encoding.To.end_00FF	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	1809.801	129.15	1095.414	3.27	1542.03	153.76 ns/op	1.65	1.17
encoding.To.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	1 avgt	50	43.34	0.47	37.822	0.40	40.601	0.53 ns/op	1.15	1.07
encoding.To.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	64 avgt	50	106.357	0.86	103.964	2.08	98.503	1.46 ns/op	1.02	1.08
encoding.To.end_FF43	N/A	N/A	N/A	UTF-8	N/A	N/A	4096 avgt	50	6500.711	522.08	5702.265	424.04	6539.719	512.06 ns/op	1.14	0.99
encoding.To.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	1 avgt	50	75.119	1.26	75.166	0.49	75.946	0.80 ns/op	1.00	0.99
encoding.To.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	64 avgt	50	228.483	1.89	237.401	2.08	229.48	8.06 ns/op	0.96	1.00
encoding.To.end_FF43	N/A	N/A	N/A	UTF-16	N/A	N/A	4096 avgt	50	15556.305	2326.86	20557.945	1954.64	19589.316	2581.07 ns/op	0.76	0.79
encoding.To.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	1 avgt	50	44.799	0.52	29.602	1.03	27.917	0.43 ns/op	1.51	1.60
encoding.To.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	64 avgt	50	59.727	3.34	45.584	1.96	44.724	2.55 ns/op	1.31	1.34
encoding.To.end_FF43	N/A	N/A	N/A	ISO-8859-1	N/A	N/A	4096 avgt	50	1760.679	144.13	1316.897	10.76	1671.217	149.67 ns/op	1.34	1.05
equals.EqualsBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.058	0.02	7.2	0.03	6.627	0.02 ns/op	0.84	0.91
equals.EqualsBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	17.188	0.62	10.089	0.07	15.415	0.09 ns/op	1.70	1.12
equals.EqualsBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	358.758	2.07	189.637	0.83	357.886	0.97 ns/op	1.89	1.00
equals.EqualsBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.076	0.03	4.33	0.02	6.608	0.00 ns/op	1.40	0.92
equals.EqualsBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	16.517	0.05	4.332	0.02	16.706	0.43 ns/op	3.81	0.99
equals.EqualsBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	387.571	1.30	4.333	0.02	386.035	0.73 ns/op	89.45	1.00
equals.EqualsBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.069	0.02	4.333	0.02	6.646	0.03 ns/op	1.40	0.91
equals.EqualsBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	17.046	0.64	4.321	0.01	15.405	0.12 ns/op	3.94	1.11
equals.EqualsBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	358.692	2.02	4.333	0.02	357.622	1.38 ns/op	82.78	1.00
equals.EqualsBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	6.06	0.03	7.261	0.04	6.626	0.01 ns/op	0.83	0.91
equals.EqualsBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	16.891	0.63	16.632	0.05	15.403	0.11 ns/op	1.02	1.10
equals.EqualsBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	358.141	1.29	388.303	0.63	358.613	1.45 ns/op	0.92	1.00
equals.EqualsDiffLenBench.cmp1_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	4.908	0.02	5.193	0.02	4.895	0.01 ns/op	0.95	1.00
equals.EqualsDiffLenBench.cmp1_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	4.903	0.02	4.344	0.02	4.888	0.02 ns/op	1.13	1.00
equals.EqualsDiffLenBench.cmp2_cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	4.93	0.03	4.324	0.02	4.915	0.03 ns/op	1.14	1.00
equals.EqualsDiffLenBench.cmp2_cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	4.886	0.01	5.74	0.00	4.887	0.01 ns/op	0.85	1.00
hashcode.HashCodeBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	24.529	0.76	23.579	0.01	26.313	0.09 ns/op	1.04	0.93
hashcode.HashCodeBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	56.33	0.11	56.13	0.24	62.833	0.20 ns/op	1.00	0.90

Intel IvyBridge-EP

hashcode.HashCodeBench.cmp1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	3533.263	1.68	3548.376	15.03	4124.784	12.84 ns/op	1.00	0.86
hashcode.HashCodeBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	33.513	1.09	33.161	0.08	34.305	0.10 ns/op	1.01	0.98
hashcode.HashCodeBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	56.35	0.09	60.138	0.22	63.091	0.32 ns/op	0.94	0.89
hashcode.HashCodeBench.cmp2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	3534.918	3.21	3833.43	10.46	4124.653	14.78 ns/op	0.92	0.86
indexof.IndexOfChar.base1_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.751	0.01	5.118	0.03	4.886	0.00 ns/op	1.12	1.18
indexof.IndexOfChar.base1_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	27.935	0.08	28.769	0.07	31.158	2.07 ns/op	0.97	0.90
indexof.IndexOfChar.base1_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1486.645	0.95	1340.615	1.38	1489.097	3.65 ns/op	1.11	1.00
indexof.IndexOfChar.base1_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.486	0.02	4.046	0.01	5.487	0.03 ns/op	1.36	1.00
indexof.IndexOfChar.base1_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	28.972	1.41	4.144	0.09	29.383	0.13 ns/op	6.99	0.99
indexof.IndexOfChar.base1_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1485.271	0.51	4.039	0.01	1486.904	2.22 ns/op	367.73	1.00
indexof.IndexOfChar.base1_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.483	0.01	5.258	0.15	5.47	0.01 ns/op	1.04	1.00
indexof.IndexOfChar.base1_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	29.487	1.74	29.111	0.41	29.653	1.12 ns/op	1.01	0.99
indexof.IndexOfChar.base1_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1491.556	7.03	1341.889	1.72	1492.748	6.09 ns/op	1.11	1.00
indexof.IndexOfChar.base1_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.756	0.01	4.61	0.02	4.899	0.02 ns/op	1.25	1.17
indexof.IndexOfChar.base1_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	27.936	0.07	29.937	0.32	29.198	0.70 ns/op	0.93	0.96
indexof.IndexOfChar.base1_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1494.589	7.59	1345.028	4.94	1488.04	4.80 ns/op	1.11	1.00
indexof.IndexOfChar.base2_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.76	0.02	5.169	0.04	4.889	0.01 ns/op	1.11	1.18
indexof.IndexOfChar.base2_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	28.033	0.14	29.739	0.35	29.983	1.46 ns/op	0.94	0.93
indexof.IndexOfChar.base2_img1__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1485.859	0.44	1349.873	6.71	1486.677	1.11 ns/op	1.10	1.00
indexof.IndexOfChar.base2_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.478	0.01	4.046	0.01	5.47	0.01 ns/op	1.35	1.00
indexof.IndexOfChar.base2_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	29.589	1.83	29.233	0.41	29.881	1.37 ns/op	1.01	0.99
indexof.IndexOfChar.base2_img1__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1485.278	0.44	1344.145	3.36	1489.977	6.20 ns/op	1.10	1.00
indexof.IndexOfChar.base2_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.56	0.03	5.351	0.08	5.476	0.02 ns/op	1.04	1.02
indexof.IndexOfChar.base2_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	28.65	1.16	29.515	0.39	29.005	0.13 ns/op	0.97	0.99
indexof.IndexOfChar.base2_img2__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1487.789	2.97	1346.071	4.77	1489.567	4.60 ns/op	1.11	1.00
indexof.IndexOfChar.base2_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.76	0.02	4.612	0.02	4.89	0.01 ns/op	1.25	1.18
indexof.IndexOfChar.base2_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	27.914	0.04	29.785	0.28	29.071	0.19 ns/op	0.94	0.96
indexof.IndexOfChar.base2_img2__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1492.495	5.30	1342.849	3.07	1490.251	6.57 ns/op	1.11	1.00
indexof.IndexOfChar.img1_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.771	0.03	5.14	0.03	4.913	0.02 ns/op	1.12	1.17
indexof.IndexOfChar.img1_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	5.752	0.00	5.16	0.03	4.883	0.00 ns/op	1.11	1.18
indexof.IndexOfChar.img1_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	5.762	0.02	5.105	0.03	4.899	0.02 ns/op	1.13	1.18
indexof.IndexOfChar.img1_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.497	0.02	4.059	0.02	5.471	0.01 ns/op	1.35	1.00
indexof.IndexOfChar.img1_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	29.338	1.65	4.047	0.01	29.238	0.66 ns/op	7.25	1.00
indexof.IndexOfChar.img1_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1487.537	2.42	4.049	0.02	1486.702	1.12 ns/op	367.38	1.00
indexof.IndexOfChar.img1_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.754	0.02	5.17	0.04	6.031	1.15 ns/op	1.11	0.95
indexof.IndexOfChar.img1_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	5.797	0.04	4.612	0.02	4.9	0.03 ns/op	1.26	1.18
indexof.IndexOfChar.img1_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	5.774	0.03	4.552	0.06	4.888	0.00 ns/op	1.27	1.18
indexof.IndexOfChar.img1_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.503	0.03	4.039	0.01	5.5	0.04 ns/op	1.36	1.00
indexof.IndexOfChar.img1_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	30.136	2.16	29.771	0.33	29.346	0.77 ns/op	1.01	1.03
indexof.IndexOfChar.img1_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1492.529	6.43	1348.12	6.82	1488.409	4.70 ns/op	1.11	1.00
indexof.IndexOfChar.img2_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.481	0.01	5.41	0.05	5.486	0.02 ns/op	1.01	1.00
indexof.IndexOfChar.img2_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	28.689	1.14	29.404	0.39	30.73	1.79 ns/op	0.98	0.93
indexof.IndexOfChar.img2_base1__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1486.461	1.57	1342.303	1.51	1486.77	1.54 ns/op	1.11	1.00
indexof.IndexOfChar.img2_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.769	0.04	4.611	0.02	4.896	0.02 ns/op	1.25	1.18
indexof.IndexOfChar.img2_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	5.781	0.03	4.626	0.02	4.906	0.02 ns/op	1.25	1.18
indexof.IndexOfChar.img2_base1__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	5.788	0.04	4.551	0.06	4.929	0.03 ns/op	1.27	1.17
indexof.IndexOfChar.img2_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.53	0.03	5.442	0.08	5.488	0.03 ns/op	1.02	1.01
indexof.IndexOfChar.img2_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	30.466	2.31	28.486	0.05	28.944	0.16 ns/op	1.07	1.05
indexof.IndexOfChar.img2_base2__img1	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	1486.361	1.46	1345.908	5.99	1490.773	5.22 ns/op	1.10	1.00
indexof.IndexOfChar.img2_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	1 avgt	50	5.764	0.01	4.56	0.06	4.898	0.02 ns/op	1.26	1.18
indexof.IndexOfChar.img2_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	64 avgt	50	5.776	0.03	4.623	0.02	4.882	0.00 ns/op	1.25	1.18
indexof.IndexOfChar.img2_base2__img2	N/A	N/A	N/A	N/A	N/A	N/A	4096 avgt	50	5.752	0.01	4.547	0.05	4.887	0.01 ns/op	1.27	1.18
indexof.IndexOfString.base1_img1__img1	N/A	N/A	N/A	N/A	1 N/A	N/A	1 avgt	50	10.34	0.13	10.653	0.02	10.186	0.03 ns/op	0.97	1.02

Intel IvyBridge-EP

indexof.IndexOfString.base1_img1_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.837	0.04	17.893	0.09	27.843	0.02 ns/op	1.56	1.00
indexof.IndexOfString.base1_img1_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1502.155	6.02	757.1	2.11	1503.982	8.63 ns/op	1.98	1.00
indexof.IndexOfString.base1_img1_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.085	0.02	19.125	0.03	28.629	0.18 ns/op	1.47	0.98
indexof.IndexOfString.base1_img1_img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1523.343	8.34	756.777	4.13	1527.53	5.42 ns/op	2.01	1.00
indexof.IndexOfString.base1_img1_img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.114	0.17	5.145	0.04	9.356	0.01 ns/op	1.77	0.97
indexof.IndexOfString.base1_img1_img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.519	0.08	5.143	0.01	27.569	0.12 ns/op	5.35	1.00
indexof.IndexOfString.base1_img1_img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1495.61	2.13	5.193	0.05	1495.402	1.09 ns/op	288.01	1.00
indexof.IndexOfString.base1_img1_img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.07	0.07	5.212	0.02	9.677	0.10 ns/op	1.74	0.94
indexof.IndexOfString.base1_img1_img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1460.638	1.50	5.157	0.02	1460.696	1.23 ns/op	283.23	1.00
indexof.IndexOfString.base1_img2_img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.034	0.10	10.095	0.33	9.403	0.03 ns/op	0.89	0.96
indexof.IndexOfString.base1_img2_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.815	0.17	28.995	0.07	27.571	0.03 ns/op	0.96	1.01
indexof.IndexOfString.base1_img2_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1495.78	3.31	1503.704	2.48	1498.742	4.24 ns/op	0.99	1.00
indexof.IndexOfString.base1_img2_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.133	0.07	9.522	0.03	9.167	0.04 ns/op	0.96	1.00
indexof.IndexOfString.base1_img2_img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1489.966	3.18	1506.213	5.32	1497.965	2.58 ns/op	0.99	0.99
indexof.IndexOfString.base1_img2_img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	10.76	0.28	10.796	0.27	10.602	0.40 ns/op	1.00	1.01
indexof.IndexOfString.base1_img2_img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.867	0.14	28.558	0.16	28.029	0.18 ns/op	0.98	0.99
indexof.IndexOfString.base1_img2_img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1496.58	1.77	1492.641	6.66	1495.243	0.52 ns/op	1.00	1.00
indexof.IndexOfString.base1_img2_img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.115	0.03	29.268	0.07	28.784	0.25 ns/op	0.96	0.98
indexof.IndexOfString.base1_img2_img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1484.104	1.28	1492.872	6.49	1491.021	6.62 ns/op	0.99	1.00
indexof.IndexOfString.base2_img1_img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	10.443	0.14	10.596	0.03	10.242	0.08 ns/op	0.99	1.02
indexof.IndexOfString.base2_img1_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	28.181	0.19	29.663	0.13	27.87	0.03 ns/op	0.95	1.01
indexof.IndexOfString.base2_img1_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1486.367	1.74	1491.806	6.28	1488.918	6.14 ns/op	1.00	1.00
indexof.IndexOfString.base2_img1_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.433	0.22	20.712	1.52	28.464	0.07 ns/op	1.37	1.00
indexof.IndexOfString.base2_img1_img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1489.379	4.62	1489.067	1.69	1484.882	0.72 ns/op	1.00	1.00
indexof.IndexOfString.base2_img1_img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.07	0.15	5.143	0.03	9.558	0.06 ns/op	1.76	0.95
indexof.IndexOfString.base2_img1_img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.44	0.04	28.929	0.10	27.545	0.03 ns/op	0.95	1.00
indexof.IndexOfString.base2_img1_img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1483.592	3.98	1480.905	0.52	1484.339	4.66 ns/op	1.00	1.00
indexof.IndexOfString.base2_img1_img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.165	0.12	5.206	0.03	9.769	0.14 ns/op	1.76	0.94
indexof.IndexOfString.base2_img1_img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1466.637	6.76	1466.837	5.82	1462.77	4.36 ns/op	1.00	1.00
indexof.IndexOfString.base2_img2_img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.006	0.16	10.008	0.04	9.493	0.11 ns/op	0.90	0.95
indexof.IndexOfString.base2_img2_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.656	0.14	28.986	0.06	27.546	0.03 ns/op	0.95	1.00
indexof.IndexOfString.base2_img2_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1479.479	0.74	1490.747	8.31	1482.336	4.81 ns/op	0.99	1.00
indexof.IndexOfString.base2_img2_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.118	0.08	9.547	0.04	9.141	0.05 ns/op	0.96	1.00
indexof.IndexOfString.base2_img2_img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1468.38	5.89	1467.27	5.03	1461.388	0.91 ns/op	1.00	1.00
indexof.IndexOfString.base2_img2_img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.973	0.09	10.508	0.02	10.222	0.05 ns/op	0.95	0.98
indexof.IndexOfString.base2_img2_img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.806	0.10	29.006	0.10	27.899	0.09 ns/op	0.96	1.00
indexof.IndexOfString.base2_img2_img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1487.385	3.32	1489.919	6.11	1491.635	6.72 ns/op	1.00	1.00
indexof.IndexOfString.base2_img2_img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.214	0.12	29.308	0.08	28.516	0.11 ns/op	0.96	0.99
indexof.IndexOfString.base2_img2_img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1486.662	4.33	1485.902	0.96	1487.86	3.96 ns/op	1.00	1.00
indexof.IndexOfString.img1_base1_img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	10.071	0.11	10.648	0.03	10.193	0.02 ns/op	0.95	0.99
indexof.IndexOfString.img1_base1_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	10.702	0.74	10.499	0.03	10.016	0.04 ns/op	1.02	1.07
indexof.IndexOfString.img1_base1_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	9.897	0.12	10.508	0.02	9.95	0.02 ns/op	0.94	0.99
indexof.IndexOfString.img1_base1_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.088	0.02	21.451	1.49	28.756	0.27 ns/op	1.31	0.98
indexof.IndexOfString.img1_base1_img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	28.135	0.08	19.166	0.08	28.466	0.12 ns/op	1.47	0.99
indexof.IndexOfString.img1_base1_img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.122	0.16	5.191	0.03	9.425	0.04 ns/op	1.76	0.97
indexof.IndexOfString.img1_base1_img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.737	0.16	5.119	0.02	27.571	0.09 ns/op	5.42	1.01
indexof.IndexOfString.img1_base1_img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1499.453	5.52	5.123	0.02	1496.74	1.27 ns/op	292.69	1.00
indexof.IndexOfString.img1_base1_img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	8.992	0.03	5.167	0.01	9.612	0.05 ns/op	1.74	0.94
indexof.IndexOfString.img1_base1_img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1464.143	5.87	5.185	0.03	1468.385	7.13 ns/op	282.38	1.00
indexof.IndexOfString.img1_base2_img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	10.583	0.37	10.625	0.04	10.546	0.02 ns/op	1.00	1.00
indexof.IndexOfString.img1_base2_img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	10.881	0.69	10.766	0.00	9.972	0.03 ns/op	1.01	1.09
indexof.IndexOfString.img1_base2_img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	10.123	0.11	10.494	0.04	9.953	0.02 ns/op	0.96	1.02
indexof.IndexOfString.img1_base2_img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.117	0.04	19.239	0.06	28.453	0.06 ns/op	1.46	0.99

Intel IvyBridge-EP

indexof.IndexOfString.img1_base2__img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	28.155	0.10	30.492	0.13	28.416	0.01 ns/op	0.92	0.99
indexof.IndexOfString.img1_base2__img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.45	0.32	5.33	0.14	9.367	0.02 ns/op	1.77	1.01
indexof.IndexOfString.img1_base2__img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.58	0.10	28.862	0.11	27.499	0.04 ns/op	0.96	1.00
indexof.IndexOfString.img1_base2__img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1484.852	6.80	1482.035	0.46	1481.299	1.03 ns/op	1.00	1.00
indexof.IndexOfString.img1_base2__img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.047	0.08	5.202	0.03	9.658	0.06 ns/op	1.74	0.94
indexof.IndexOfString.img1_base2__img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1460.365	0.96	1463.567	2.67	1465.55	5.93 ns/op	1.00	1.00
indexof.IndexOfString.img2_base1__img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	8.949	0.11	9.669	0.09	9.419	0.04 ns/op	0.93	0.95
indexof.IndexOfString.img2_base1__img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.829	0.17	28.961	0.03	27.572	0.07 ns/op	0.96	1.01
indexof.IndexOfString.img2_base1__img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1494.053	0.46	1509.698	8.12	1497.672	3.47 ns/op	0.99	1.00
indexof.IndexOfString.img2_base1__img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.51	0.29	9.53	0.03	9.169	0.05 ns/op	1.00	1.04
indexof.IndexOfString.img2_base1__img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1496.833	7.68	1500.088	0.71	1499.99	4.14 ns/op	1.00	1.00
indexof.IndexOfString.img2_base1__img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	10.032	0.08	10.509	0.03	10.537	0.01 ns/op	0.95	0.95
indexof.IndexOfString.img2_base1__img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	9.809	0.11	10.221	0.05	9.97	0.05 ns/op	0.96	0.98
indexof.IndexOfString.img2_base1__img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	9.837	0.09	10.574	0.06	9.93	0.01 ns/op	0.93	0.99
indexof.IndexOfString.img2_base1__img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.359	0.27	29.326	0.11	28.502	0.13 ns/op	0.97	0.99
indexof.IndexOfString.img2_base1__img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	28.126	0.10	29.237	0.05	28.392	0.04 ns/op	0.96	0.99
indexof.IndexOfString.img2_base2__img1	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.047	0.12	9.62	0.07	9.428	0.04 ns/op	0.94	0.96
indexof.IndexOfString.img2_base2__img1	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	27.571	0.08	29.161	0.20	27.539	0.03 ns/op	0.95	1.00
indexof.IndexOfString.img2_base2__img1	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	1482.487	2.76	1494.367	11.03	1483.148	4.46 ns/op	0.99	1.00
indexof.IndexOfString.img2_base2__img1	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	9.217	0.25	9.563	0.03	9.178	0.06 ns/op	0.96	1.00
indexof.IndexOfString.img2_base2__img1	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	1467.541	6.72	1462.141	0.69	1463.838	3.97 ns/op	1.00	1.00
indexof.IndexOfString.img2_base2__img2	N/A	N/A	N/A	N/A	1 N/A	1 avgt	50	9.982	0.09	10.494	0.03	10.486	0.08 ns/op	0.95	0.95
indexof.IndexOfString.img2_base2__img2	N/A	N/A	N/A	N/A	1 N/A	64 avgt	50	9.846	0.11	10.172	0.02	9.98	0.03 ns/op	0.97	0.99
indexof.IndexOfString.img2_base2__img2	N/A	N/A	N/A	N/A	1 N/A	4096 avgt	50	10.235	0.08	10.493	0.29	9.977	0.06 ns/op	0.98	1.03
indexof.IndexOfString.img2_base2__img2	N/A	N/A	N/A	N/A	64 N/A	64 avgt	50	28.258	0.14	29.434	0.14	28.443	0.02 ns/op	0.96	0.99
indexof.IndexOfString.img2_base2__img2	N/A	N/A	N/A	N/A	64 N/A	4096 avgt	50	28.152	0.05	29.356	0.10	28.472	0.12 ns/op	0.96	0.99
length.LengthBench.test	0 N/A	4096 N/A	N/A	N/A	N/A	N/A avgt	50	37.098	0.39	37.621	0.25	37.571	0.36 us/op	0.99	0.99
length.LengthBench.test	0.25 N/A	4096 N/A	N/A	N/A	N/A	N/A avgt	50	37.193	0.23	39.197	0.25	37.297	0.35 us/op	0.95	1.00
length.LengthBench.test	0.5 N/A	4096 N/A	N/A	N/A	N/A	N/A avgt	50	37.422	0.37	40.017	0.21	37.008	0.07 us/op	0.94	1.01
length.LengthBench.test	0.75 N/A	4096 N/A	N/A	N/A	N/A	N/A avgt	50	37.121	0.16	41.754	0.28	37.173	0.10 us/op	0.89	1.00
length.LengthBench.test	1 N/A	4096 N/A	N/A	N/A	N/A	N/A avgt	50	37.123	0.19	42.416	0.27	37.09	0.12 us/op	0.88	1.00

As of 09.09.2015