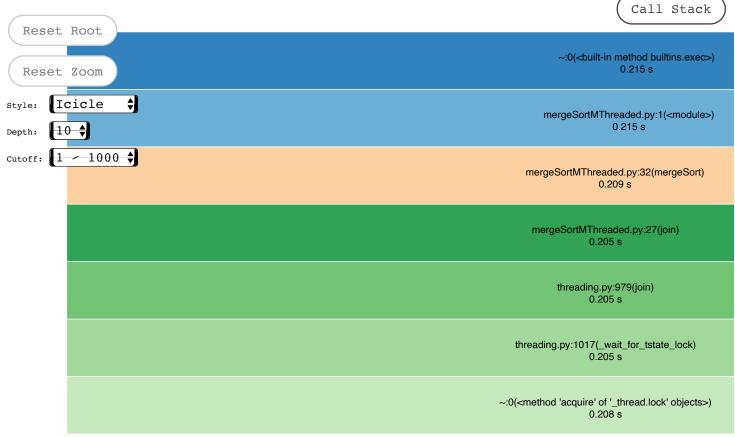
11/19/21, 10:13 PM merge Sort MThreaded

## SnakeViz

Call Stack



Search:

ncalls	tottime	percall	cumtime	pe
12	0.2082	0.01735	0.2082	0.01735
4	0.001126	0.0002815	0.001126	0.0002815
3	0.0006034	0.0002011	0.0006034	0.0002011
999	0.0005432	5.437e-07	0.001147	1.148e-06
1	0.0005094	0.0005094	0.2092	0.2092
999	0.0003944	3.948e-07	0.0006035	6.041e-07
1	0.0003386	0.0003386	0.215	0.215
999	0.0002774	2.777e-07	0.001424	1.426e-06
35	0.0002552	7.291e-06	0.0002552	7.291e-06
3	0.0002133	7.109e-05	0.0002133	7.109e-05
7	0.0001819	2.598e-05	0.0001819	2.598e-05
14	0.0001784	1.274e-05	0.0002729	1.949e-05

1999	0.0001681	8.409e-08	0.0001681	8.409e-08
25	0.000148	5.919e-06	0.0006119	2.448e-05
1644	0.0001385	8.423e-08	0.0001385	8.423e-08
2020	0.0001246	6.171e-08	0.0001246	6.171e-08
999	0.0001153	1.154e-07	0.0001153	1.154e-07
3	8.736e-05	2.912e-05	8.736e-05	2.912e-05
999	7.063e-05	7.07e-08	7.063e-05	7.07e-08
1	6.986e-05	6.986e-05	7.085e-05	7.085e-05
112	6.005e-05	5.362e-07	0.0001589	1.418e-06
112	5.399e-05	4.821e-07	7.528e-05	6.722e-07
3	4.54e-05	1.513e-05	4.54e-05	1.513e-05
1	4.48e-05	4.48e-05	4.48e-05	4.48e-05
7	4.309e-05	6.155e-06	0.0008647	0.0001235
1	4.283e-05	4.283e-05	0.002237	0.002237
1	3.66e-05	3.66e-05	0.0002945	0.0002945
7	3.573e-05	5.105e-06	0.0009361	0.0001337
2	3.033e-05	1.516e-05	3.033e-05	1.516e-05
7/2	2.873e-05	1.437e-05	0.003287	0.001644
127	2.758e-05	2.171e-07	2.758e-05	2.171e-07
42	2.612e-05	6.219e-07	2.612e-05	6.219e-07
7	2.541e-05	3.629e-06	0.000112	1.6e-05
118	2.478e-05	2.1e-07	2.478e-05	2.1e-07
118	2.478e-05 2.39e-05	2.1e-07 7.967e-06	2.478e-05 0.0004587	2.1e-07 0.0001529
3	2.39e-05	7.967e-06	0.0004587	0.0001529
3 2	2.39e-05 2.375e-05	7.967e-06 1.188e-05	0.0004587 0.003615	0.0001529 0.001807
3 2 7	2.39e-05 2.375e-05 2.313e-05	7.967e-06 1.188e-05 3.304e-06	0.0004587 0.003615 3.695e-05	0.0001529 0.001807 5.279e-06
3 2 7 6	2.39e-05 2.375e-05 2.313e-05 2.312e-05	7.967e-06 1.188e-05 3.304e-06 3.854e-06	0.0004587 0.003615 3.695e-05 5.222e-05	0.0001529 0.001807 5.279e-06 8.703e-06
3 2 7 6 3	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06	0.0004587 0.003615 3.695e-05 5.222e-05 2.309e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06
3 2 7 6 3 3	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06	0.0004587 0.003615 3.695e-05 5.222e-05 2.309e-05 0.000134	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05
3 2 7 6 3 3 7/2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05	0.0004587 0.003615 3.695e-05 5.222e-05 2.309e-05 0.000134 0.002979	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149
3 2 7 6 3 3 7/2 230	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08	0.0004587 0.003615 3.695e-05 5.222e-05 2.309e-05 0.000134 0.002979 2.129e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08
3 2 7 6 3 3 7/2 230 3	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05
3 2 7 6 3 3 7/2 230 3 3	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.129e-05 1.997e-05 1.751e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06
3 2 7 6 3 3 7/2 230 3 32 7	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05 1.751e-05 1.624e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06
3 2 7 6 3 3 7/2 230 3 32 7 2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05 1.624e-05 1.572e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06 0.001776
3 2 7 6 3 3 7/2 230 3 32 7 2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.129e-05 1.997e-05 1.751e-05 1.624e-05 1.572e-05 1.464e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06  2.091e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552  1.606e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06 0.001776 2.294e-06
3 2 7 6 3 3 7/2 230 3 32 7 2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05 1.624e-05 1.572e-05 1.464e-05 1.433e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06  2.091e-06  7.165e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552  1.606e-05  0.2047	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06 0.001776 2.294e-06 0.1023
3 2 7 6 3 3 7/2 230 3 32 7 2 7 2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05 1.572e-05 1.464e-05 1.433e-05 1.397e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06  2.091e-06  7.165e-06  1.996e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552  1.606e-05  0.2047  1.486e-05	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06 0.001776 2.294e-06 0.1023 2.123e-06
3 2 7 6 3 3 7/2 230 3 32 7 2 7 2 7 2	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.21e-05 2.129e-05 1.997e-05 1.572e-05 1.433e-05 1.397e-05 1.35e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06  2.091e-06  7.165e-06  1.996e-06  3.858e-07	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552  1.606e-05  0.2047  1.486e-05  0.0002687	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 0.001776 2.294e-06 0.1023 2.123e-06 7.677e-06
3 2 7 6 3 3 7/2 230 3 32 7 2 7 2 7 2 7	2.39e-05 2.375e-05 2.313e-05 2.312e-05 2.309e-05 2.286e-05 2.129e-05 1.997e-05 1.572e-05 1.464e-05 1.433e-05 1.397e-05 1.397e-05 1.35e-05 1.123e-05	7.967e-06  1.188e-05  3.304e-06  3.854e-06  7.698e-06  7.621e-06  1.105e-05  9.257e-08  6.658e-06  5.473e-07  2.32e-06  7.861e-06  2.091e-06  7.165e-06  1.996e-06  3.858e-07  2.808e-06	0.0004587  0.003615  3.695e-05  5.222e-05  2.309e-05  0.000134  0.002979  2.129e-05  8.302e-05  0.0001994  2.183e-05  0.003552  1.606e-05  0.2047  1.486e-05  0.0002687  0.001143	0.0001529 0.001807 5.279e-06 8.703e-06 7.698e-06 4.467e-05 0.00149 9.257e-08 2.767e-05 6.231e-06 3.119e-06 0.001776 2.294e-06 0.1023 2.123e-06 7.677e-06 0.0002857

7	9.971e-06	1.424e-06	0.001269	0.0001813
7	9.487e-06	1.355e-06	4.555e-05	6.507e-06
7	9.004e-06	1.286e-06	3.443e-05	4.918e-06
2	8.629e-06	4.314e-06	9.758e-06	4.879e-06
10	7.797e-06	7.797e-07	5.335e-05	5.335e-06
3/2	7.638e-06	3.819e-06	0.002916	0.001458
7	7.569e-06	1.081e-06	1.156e-05	1.651e-06
3	7.264e-06	2.421e-06	0.0002228	7.427e-05
2	7.088e-06	3.544e-06	0.2047	0.1023
25	7.075e-06	2.83e-07	7.075e-06	2.83e-07
7	7.015e-06	1.002e-06	1.052e-05	1.502e-06
11/2	6.554e-06	3.277e-06	0.002535	0.001267
1	6.423e-06	6.423e-06	7.353e-06	7.353e-06
1	6.335e-06	6.335e-06	0.000415	0.000415
3	6.313e-06	2.104e-06	1.151e-05	3.836e-06
7	6.283e-06	8.976e-07	7.538e-05	1.077e-05
21	6.277e-06	2.989e-07	6.277e-06	2.989e-07
1	6.201e-06	6.201e-06	6.201e-06	6.201e-06
9	6.118e-06	6.798e-07	8.926e-06	9.918e-07
7	5.923e-06	8.461e-07	5.773e-05	8.248e-06
21	5.777e-06	2.751e-07	8.544e-06	4.069e-07
39	5.751e-06	1.475e-07	5.751e-06	1.475e-07
7	5.628e-06	8.04e-07	0.0008703	0.0001243
11	5.598e-06	5.089e-07	5.598e-06	5.089e-07
21	5.578e-06	2.656e-07	7.89e-06	3.757e-07
2	5.562e-06	2.781e-06	0.2047	0.1023
6	5.448e-06	9.08e-07	8.52e-06	1.42e-06
1	5.431e-06	5.431e-06	4.513e-05	4.513e-05
4	5.352e-06	1.338e-06	9.904e-06	2.476e-06
2	5.034e-06	2.517e-06	0.00356	0.00178
35	4.959e-06	1.417e-07	4.959e-06	1.417e-07
4/1	4.744e-06	4.744e-06	0.215	0.215
7	4.732e-06	6.76e-07	4.732e-06	6.76e-07
35	4.646e-06	1.327e-07	4.646e-06	1.327e-07
1	4.6e-06	4.6e-06	4.994e-05	4.994e-05
7	4.59e-06	6.557e-07	4.59e-06	6.557e-07
3	4.456e-06	1.485e-06	5.289e-06	1.763e-06
7	4.448e-06	6.354e-07	7.983e-05	1.14e-05
7	4.399e-06	6.284e-07	6.026e-06	8.609e-07
1	4.368e-06	4.368e-06	4.368e-06	4.368e-06
1	4.074e-06	4.074e-06	5.399e-06	5.399e-06
7	3.848e-06	5.497e-07	8.58e-06	1.226e-06

19 7 7 3	3.434e-06 3.374e-06 3.35e-06 3.326e-06 3.293e-06	1.145e-06 1.776e-07 4.786e-07 4.751e-07	5.003e-05 3.374e-06 5.04e-06	1.668e-05 1.776e-07 7.2e-07
7 7 3	3.35e-06 3.326e-06	4.786e-07		
7 3	3.326e-06		5.04e-06	7.2e-07
3		4 7519 07		
	3 293e-06	4.7510-07	1.938e-05	2.769e-06
3	3.2930 00	1.098e-06	7.706e-06	2.569e-06
	3.14e-06	1.047e-06	3.572e-06	1.191e-06
4	3.064e-06	7.66e-07	3.961e-06	9.902e-07
3	2.91e-06	9.7e-07	2.91e-06	9.7e-07
2	2.887e-06	1.444e-06	2.887e-06	1.444e-06
7	2.864e-06	4.091e-07	2.864e-06	4.091e-07
1	2.737e-06	2.737e-06	2.737e-06	2.737e-06
6	2.706e-06	4.51e-07	4.568e-06	7.613e-07
1	2.58e-06	2.58e-06	2.58e-06	2.58e-06
1	2.578e-06	2.578e-06	2.578e-06	2.578e-06
3	2.461e-06	8.203e-07	3.22e-05	1.073e-05
14	2.416e-06	1.726e-07	2.416e-06	1.726e-07
1	2.411e-06	2.411e-06	2.411e-06	2.411e-06
3	2.378e-06	7.927e-07	2.378e-06	7.927e-07
1	2.349e-06	2.349e-06	2.349e-06	2.349e-06
3	2.113e-06	7.043e-07	2.621e-06	8.737e-07
2	2.028e-06	1.014e-06	6.571e-05	3.285e-05
4	2.019e-06	5.048e-07	2.019e-06	5.048e-07
2	2.013e-06	1.007e-06	2.013e-06	1.007e-06
9	1.922e-06	2.136e-07	1.922e-06	2.136e-07
1	1.9e-06	1.9e-06	1.311e-05	1.311e-05
6	1.895e-06	3.158e-07	1.895e-06	3.158e-07
6	1.862e-06	3.103e-07	1.862e-06	3.103e-07
1	1.824e-06	1.824e-06	1.824e-06	1.824e-06
3	1.809e-06	6.03e-07	2.962e-06	9.873e-07
13	1.775e-06	1.365e-07	1.775e-06	1.365e-07
1	1.756e-06	1.756e-06	1.756e-06	1.756e-06
1	1.72e-06	1.72e-06	1.72e-06	1.72e-06
7	1.69e-06	2.414e-07	1.69e-06	2.414e-07
2	1.615e-06	8.075e-07	1.962e-06	9.81e-07
3	1.571e-06	5.237e-07	1.571e-06	5.237e-07
7	1.534e-06	2.191e-07	1.534e-06	2.191e-07
2	1.488e-06	7.44e-07	1.83e-06	9.15e-07
5	1.446e-06	2.892e-07	1.446e-06	2.892e-07
3	1.312e-06	4.373e-07	2.724e-06	9.08e-07
4	1.211e-06	3.028e-07	1.211e-06	3.028e-07
3	1.153e-06	3.843e-07	1.153e-06	3.843e-07

2	1.13e-06	5.65e-07	1.826e-06	9.13e-07
2	1.123e-06	5.615e-07	1.123e-06	5.615e-07
7	1.08e-06	1.543e-07	1.08e-06	1.543e-07
1	1.029e-06	1.029e-06	8.591e-06	8.591e-06
1	1.019e-06	1.019e-06	1.283e-06	1.283e-06
2	9.84e-07	4.92e-07	9.84e-07	4.92e-07
1	9.66e-07	9.66e-07	9.66e-07	9.66e-07
4	9.5e-07	2.375e-07	9.5e-07	2.375e-07
4	9.46e-07	2.365e-07	9.46e-07	2.365e-07
1	9.09e-07	9.09e-07	9.09e-07	9.09e-07
3	8.53e-07	2.843e-07	8.53e-07	2.843e-07
1	7.77e-07	7.77e-07	5.072e-05	5.072e-05
4	7.19e-07	1.798e-07	7.19e-07	1.798e-07
1	6.89e-07	6.89e-07	6.89e-07	6.89e-07
1	6.88e-07	6.88e-07	6.88e-07	6.88e-07
4	6.45e-07	1.613e-07	6.45e-07	1.613e-07
3	5.08e-07	1.693e-07	5.08e-07	1.693e-07
3	4.32e-07	1.44e-07	4.32e-07	1.44e-07
1	4.26e-07	4.26e-07	4.26e-07	4.26e-07
1	4.02e-07	4.02e-07	4.02e-07	4.02e-07
1	4.01e-07	4.01e-07	5.7e-07	5.7e-07
1	3.92e-07	3.92e-07	3.92e-07	3.92e-07
2	3.21e-07	1.605e-07	3.21e-07	1.605e-07
3	3.15e-07	1.05e-07	3.15e-07	1.05e-07
1	2.98e-07	2.98e-07	2.98e-07	2.98e-07
1	2.9e-07	2.9e-07	2.9e-07	2.9e-07
1	2.64e-07	2.64e-07	2.64e-07	2.64e-07
2	2.46e-07	1.23e-07	2.46e-07	1.23e-07

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