

EntangledList

“Advanced” benchmark results

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“Advanced” benchmark (range min) execution commands

[illegible]

Advanced benchmark (range min) execution commands for std::vector

[illegible]

Advanced benchmark (range min) execution commands for EntangledList

[illegible]

“Advanced” benchmark (range max) execution commands

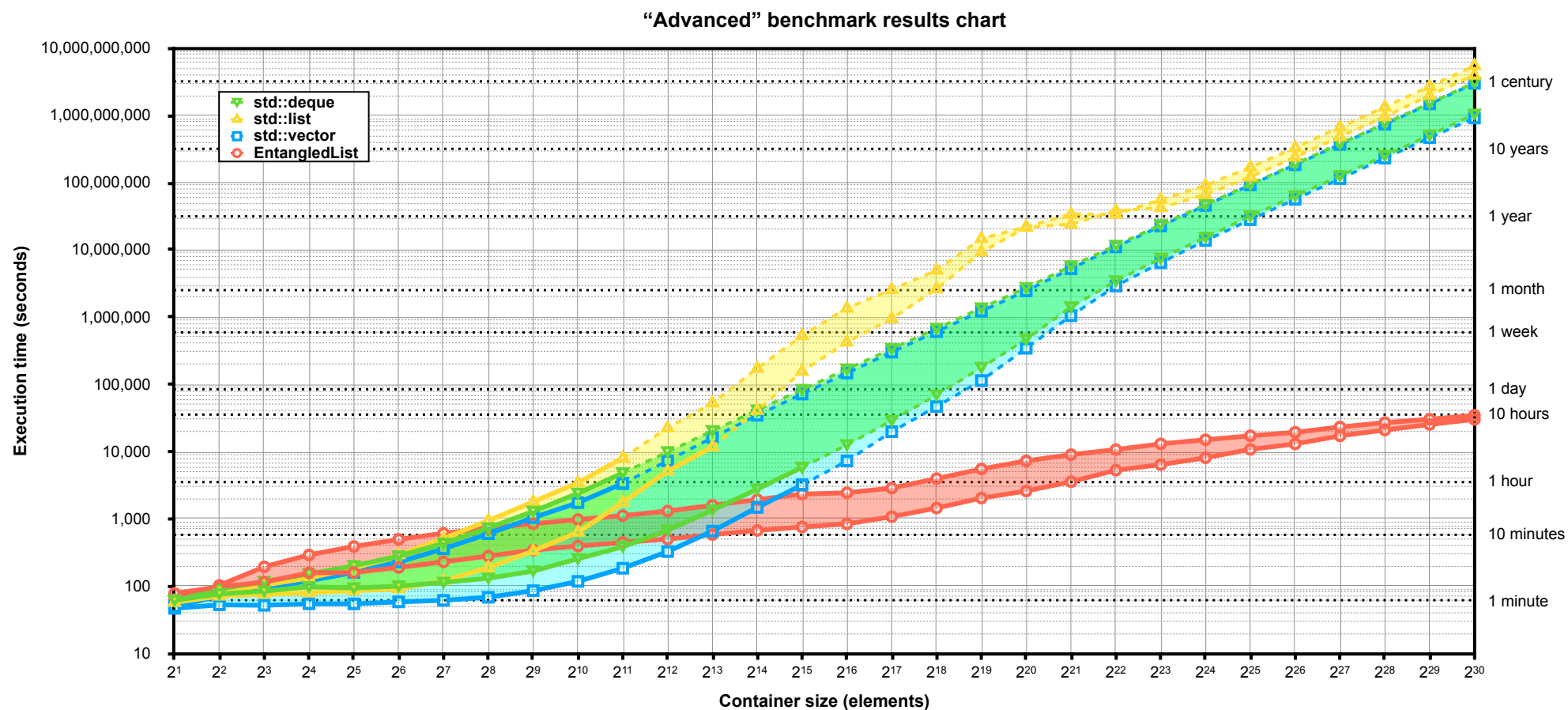
[illegible]

Advanced benchmark (range max) execution commands for std::vector

[illegible]

```
# Advanced benchmark (range max) execution commands for EntangledList
```

[illegible]



“Advanced” benchmark results table

Container size (elements)		Execution time (seconds)							
		std::deque		std::list		std::vector		EntangledList	
		Range min	Range max	Range min	Range max	Range min	Range max	Range min	Range max
2 ¹	2	60.033001199	61.854109801	58.426433050	57.273927275	49.615393161	46.870362927	62.642679158	78.272681104
2 ²	4	90.569010872	76.508381159	80.672387633	71.170984134	71.209153147	52.757754329	102.947026643	97.850498797
2 ³	8	116.937489538	84.314720107	103.743889052	75.738511525	93.100971285	51.980462647	194.183819029	114.896528343
2 ⁴	16	152.102481602	98.138970774	132.683035631	79.538408787	120.220974796	54.776536717	291.987055520	158.185572134
2 ⁵	32	201.035078347	93.917370033	184.232501762	85.361039960	159.804165237	54.640410844	389.361305141	159.407263017
2 ⁶	64	280.347475947	100.142795478	292.279944268	91.114811075	229.210632175	58.412661813	496.864305685	189.556973909
2 ⁷	128	433.104031448	113.736945166	512.551026048	120.196297625	358.926190230	61.654012417	612.332258439	230.212096101
2 ⁸	256	732.075258094	131.109639742	945.031992782	187.998143814	602.445112054	68.373266011	730.023690221	280.625816948
2 ⁹	512	1,293.685885832	167.349782556	1,792.315048862	333.903976350	1,042.813678856	85.662589467	848.317069395	343.434985288
2 ¹⁰	1,024	2,407.408719617	255.917462140	3,463.649835238	633.176935575	1,742.366854347	117.788747951	978.328688683	395.383357293
2 ¹¹	2,048	4,824.537471292	385.151495076	8,055.926724635	1,748.689407988	3,368.536657689	184.721573652	1,119.803487496	446.171093939
2 ¹²	4,096	9,920.273768418	678.669103668	22,652.801695864	5,137.334751695	7,301.415682516	327.112283721	1,309.477065803	501.771409399
2 ¹³	8,192	20,451.421227292	1,349.107386900	52,790.141945044	11,729.101375454	16,213.360536092	658.049514440	1,594.646087871	584.509325160
2 ¹⁴	16,384	41,532.491677744	2,773.693991791	173,191.298304624	40,975.526994164	34,755.980776128	1,480.917360090	1,938.098767016	673.569593838
2 ¹⁵	32,768	83,705.195428480	5,835.516397098	530,304.780068096	155,825.127141200	72,031.814556000	3,198.370363680	2,339.556845133	757.963491047
2 ¹⁶	65,536	168,564.824453664	12,584.583064622	1,360,292.188404740	423,827.164297344	147,478.002556256	7,277.090208864	2,449.082566597	843.096775503
2 ¹⁷	131,072	338,440.505254528	28,995.481274496	2,570,587.735834120	945,069.868764928	302,144.401435264	19,799.962997568	2,875.189745399	1,080.005568835
2 ¹⁸	262,144	679,156.279794176	69,509.698614256	4,969,688.820863480	2,624,644.153233920	608,483.380584064	46,824.931982464	3,978.495853497	1,451.314281672
2 ¹⁹	524,288	1,363,248.322046210	177,685.919589568	14,696,899.040373800	9,260,240.046932480	1,222,846.319525120	114,177.407362048	5,526.154570785	2,041.382498275
2 ²⁰	1,048,576	2,732,626.403196920	468,009.936208000	22,085,867.236223000	21,573,345.503050800	2,459,047.527994360	344,665.418526464	7,299.649756234	2,598.575084648
2 ²¹	2,097,152	5,738,976.431061000	1,413,886.363980030	34,135,293.574002600	24,105,070.486270000	5,238,982.615553040	1,049,895.961352450	9,030.752036796	3,575.231967583
2 ²²	4,194,304	11,647,111.103696900	3,447,539.817291780	33,740,207.879479400	38,057,260.539539600	11,061,497.291548600	2,901,387.561547260	10,729.669103702	5,309.119222398
2 ²³	8,388,608	23,571,120.236109800	7,474,005.723297800	55,835,428.428685600	42,257,823.980470400	22,654,724.500398000	6,440,383.609315320	13,053.639633763	6,411.704964828
2 ²⁴	16,777,216	47,161,238.584746000	15,301,780.749848600	90,782,368.924836000	66,252,744.852627200	45,794,517.361434400	13,783,146.841712600	15,029.953159354	8,123.235094441
2 ²⁵	33,554,432	93,953,192.783740800	31,735,100.707168400	168,939,305.857418000	121,097,784.475861000	92,173,339.415019200	28,078,560.830431200	17,215.594615741	10,804.295174563
2 ²⁶	67,108,864	189,515,317.846378000	63,255,103.549718400	331,521,848.438490000	239,379,396.269408000	184,581,049.309856000	56,654,807.536099200	19,403.407804875	13,036.178897395
2 ²⁷	134,217,728	378,439,530.878992000	126,119,025.327374000	666,554,431.576936000	481,252,544.450136000	370,198,579.707972000	114,231,693.583762000	23,276.354855068	17,172.959095200
2 ²⁸	268,435,456	755,890,682.524332000	252,370,523.315896000	1,333,024,471.355750000	954,000,843.594928000	736,589,318.350836000	231,284,162.055210000	27,004.401571697	20,979.796318409
2 ²⁹	536,870,912	1,514,635,225.483440000	506,750,942.892392000	2,685,702,831.104040000	1,983,612,861.228260000	1,481,023,024.016920000	464,652,326.838536000	30,318.850712246	25,381.994819007
2 ³⁰	1,073,741,824	3,064,649,655.978040000	1,037,569,989.333220000	5,485,741,397.079760000	3,967,717,243.718980000	2,990,241,192.991000000	914,316,074.370200000	34,718.853557292	30,162.014037496
Time limit		3,600 seconds		7,200 seconds		3,600 seconds		Unlimited	

Partially extrapolated values

Raw outputs - range min

(2¹ value types)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹	2	—	0	0.000000000	0.000000000	0.000000000	0.000000000	9d34149fbd1fe777eb238799054c8cbfbce372255f219f8740838def9bf02db
		2 ⁰	1	0.000000625	0.000000976	0.000000711	0.000001279	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ¹	2	0.000000952	0.000001258	0.000001007	0.000001910	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ²	4	0.000001283	0.000001572	0.000001292	0.000002341	9d34149fbd1fe777eb238799054c8cbfbce372255f219f8740838def9bf02db
		2 ³	8	0.000001960	0.000002045	0.000001704	0.000002942	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ⁴	16	0.000002919	0.000002741	0.000002356	0.000003714	9d34149fbd1fe777eb238799054c8cbfbce372255f219f8740838def9bf02db
		2 ⁵	32	0.000004064	0.000003818	0.000003337	0.000004886	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ⁶	64	0.000006142	0.000005846	0.000005039	0.000007095	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ⁷	128	0.000009788	0.000009348	0.000008145	0.000011073	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ⁸	256	0.000017262	0.000016348	0.000014127	0.000018571	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ⁹	512	0.000031355	0.000029792	0.000025699	0.000034100	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ¹⁰	1,024	0.000061249	0.000058404	0.000050732	0.000065144	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ¹¹	2,048	0.000120432	0.000114515	0.000098587	0.000126808	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ¹²	4,096	0.000236545	0.000225903	0.000194213	0.000247297	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ¹³	8,192	0.000467961	0.000446930	0.000384011	0.000486405	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ¹⁴	16,384	0.000928429	0.000891580	0.000760041	0.000965489	9d34149fbd1fe777eb238799054c8cbfbce372255f219f8740838def9bf02db
		2 ¹⁵	32,768	0.001846039	0.001779963	0.001520443	0.001926460	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ¹⁶	65,536	0.003688252	0.003567481	0.003051507	0.003846963	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ¹⁷	131,072	0.007368798	0.007129613	0.006096048	0.007676803	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ¹⁸	262,144	0.014682471	0.014307905	0.012158927	0.015350365	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ¹⁹	524,288	0.029365433	0.028585239	0.024281804	0.030683327	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ²⁰	1,048,576	0.058664644	0.057112205	0.048534477	0.061309531	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ²¹	2,097,152	0.117373317	0.114262739	0.097055224	0.122539894	9d34149fbd1fe777eb238799054c8cbfbce372255f219f8740838def9bf02db
		2 ²²	4,194,304	0.234645413	0.228425523	0.194090366	0.244950214	374708fff7719dd5979ec875d56cd2286f6d3cf7ec317a3b25632aab28ec37bb
		2 ²³	8,388,608	0.469006037	0.456703129	0.387840940	0.489592085	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ²⁴	16,777,216	0.937546723	0.913337585	0.775474864	0.978837814	814dd7b9784d57c15b9c2972e9b4fd6cf7e164f8162a934bdb2452a413dab1f7
		2 ²⁵	33,554,432	1.874685113	1.826113930	1.551246935	1.958798140	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ²⁶	67,108,864	3.749853142	3.651686514	3.101486491	3.915803522	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ²⁷	134,217,728	7.500881037	7.303222004	6.202518041	7.831412616	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ²⁸	268,435,456	15.002095486	14.602091039	12.404143123	15.661845823	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ²⁹	536,870,912	30.001206444	29.201334374	24.807376295	31.323893904	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
		2 ³⁰	1,073,741,824	60.033001199	58.426433050	49.615393161	62.642679158	4cbbd8ca5215b8d161aec181a74b694f4e24b001d5b081dc0030ed797a8973e0
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²	4	—	0	0.000000000	0.000000000	0.000000000	0.000000000	49293309d25caf914c11063c2d1cd286a4500d519b11b4fc98500efb85f6d9c
		2 ⁰	1	0.000001126	0.000001127	0.000000700	0.000001306	66687aadf862bd776c8fc18b8e9f8e20089714856ee233b3902a591d0d5f2925
		2 ¹	2	0.000001552	0.000001463	0.000001065	0.000002035	01d0fabd251fcbbe2b93b4b927b26ad2a1a99077152e45ded1e678afa45dbec5
		2 ²	4	0.000002015	0.000001882	0.000001432	0.000002737	01d0fabd251fcbbe2b93b4b927b26ad2a1a99077152e45ded1e678afa45dbec5
		2 ³	8	0.000002654	0.000002426	0.000001988	0.000003767	01d0fabd251fcbbe2b93b4b927b26ad2a1a99077152e45ded1e678afa45dbec5
		2 ⁴	16	0.000003764	0.000003357	0.000002890	0.000005442	013f21dd7052786e2c338b57f23ec2c7feb0c12f7b3b28fbb5affaca27103f51
		2 ⁵	32	0.000005515	0.000004889	0.000004382	0.000008339	af8a44699e0fe2cbe8fcb03e513ef95500dcd533abce01646342d7d2d5dbc5d4
		2 ⁶	64	0.000008702	0.000007722	0.000006940	0.000012908	013f21dd7052786e2c338b57f23ec2c7feb0c12f7b3b28fbb5affaca27103f51
		2 ⁷	128	0.000014545	0.000012935	0.000011729	0.000020993	66687aadf862bd776c8fc18b8e9f8e20089714856ee233b3902a591d0d5f2925
		2 ⁸	256	0.000025571	0.000022722	0.000020281	0.000035975	af8a44699e0fe2cbe8fcb03e513ef95500dcd533abce01646342d7d2d5dbc5d4
		2 ⁹	512	0.000048160	0.000042072	0.000037523	0.000066454	ce1e3a71638b2793e287518687979eed6e01426f40d36d76f71dbcec76b90702
		2 ¹⁰	1,024	0.000093578	0.000082085	0.000073646	0.000120359	db7f8e2aa97f8d230fc0a6c6d68184ecfee02f4bd2e94dcb331c0d3d54ca5fe8
		2 ¹¹	2,048	0.000183319	0.000161107	0.000142954	0.000224524	013f21dd7052786e2c338b57f23ec2c7feb0c12f7b3b28fbb5affaca27103f51
		2 ¹²	4,096	0.000358248	0.000315932	0.000280603	0.000424376	33679eedd86f9637ab73892a064cdab3d82365cf5063b145affb2272327a6ddc
		2 ¹³	8,192	0.000707760	0.000626143	0.000556045	0.000819178	01c84f606ffe38ee77bd47a06e5aaca8182c5ba6a3d4e6084c2ea05a0d7d4892
		2 ¹⁴	16,384	0.001404334	0.001242841	0.001101026	0.001607060	01c84f606ffe38ee77bd47a06e5aaca8182c5ba6a3d4e6084c2ea05a0d7d4892
		2 ¹⁵	32,768	0.002789377	0.002467346	0.002187163	0.003182660	b98406b651dbc54c0827540739c854374690c757580937e41d19baaaaf12a559
		2 ¹⁶	65,536	0.005568990	0.004921815	0.004367440	0.006339510	b64c0d4ec2af5aba75d0e38754bd4da29669e6bd54220441f3710964fdb4ece3
		2 ¹⁷	131,072	0.011093135	0.009872278	0.008694755	0.012620825	b64c0d4ec2af5aba75d0e38754bd4da29669e6bd54220441f3710964fdb4ece3
		2 ¹⁸	262,144	0.022156274	0.019705107	0.017394753	0.025193928	1f6e031dd33eed75757df11b845fddc49b3e2f1604f9d7b19c9ae32be8d838c2
		2 ¹⁹	524,288	0.044317552	0.039426670	0.034745516	0.050359863	5e4ffd7d196e150659e625599778aa9c37538bb184fce71b42b1d5b339f2aeec
		2 ²⁰	1,048,576	0.088574384	0.078811835	0.069528775	0.100656333	01d0fabd251fcbbe2b93b4b927b26ad2a1a99077152e45ded1e678afa45dbec5
		2 ²¹	2,097,152	0.177147093	0.157817976	0.139314463	0.201197348	01d0fabd251fcbbe2b93b4b927b26ad2a1a99077152e45ded1e678afa45dbec5
		2 ²²	4,194,304	0.353984430	0.315366220	0.278300600	0.402194639	db7f8e2aa97f8d230fc0a6c6d68184ecfee02f4bd2e94dcb331c0d3d54ca5fe8
		2 ²³	8,388,608	0.707992904	0.630288988	0.556184352	0.804589041	01c84f606ffe38ee77bd47a06e5aaca8182c5ba6a3d4e6084c2ea05a0d7d4892
		2 ²⁴	16,777,216	1.415627768	1.260516015	1.112189272	1.609405163	66687aadf862bd776c8fc18b8e9f8e20089714856ee233b3902a591d0d5f2925
		2 ²⁵	33,554,432	2.832498547	2.520209428	2.228537311	3.220423913	ce1e3a71638b2793e287518687979eed6e01426f40d36d76f71dbcec76b90702
		2 ²⁶	67,108,864	5.665459695	5.041706274	4.479574122	6.436978511	49293309d25caf914c11063c2d1cd286a4500d519b11b4fc98500efb85f6d9c
		2 ²⁷	134,217,728	11.339089670	10.083570977	8.935426046	12.871464689	66687aadf862bd776c8fc18b8e9f8e20089714856ee233b3902a591d0d5f2925
		2 ²⁸	268,435,456	22.655306526	20.167171510	17.838851591	25.754904034	1f6e031dd33eed75757df11b845fddc49b3e2f1604f9d7b19c9ae32be8d838c2
		2 ²⁹	536,870,912	45.294797636	40.332517582	35.628545108	51.493760560	97e2b8b640d13af1681608bb897c3ada8d220e80e2e023623f1021f958c6345b
		2 ³⁰	1,073,741,824	90.569010872	80.672387633	71.209153147	102.947026643	66687aadf862bd776c8fc18b8e9f8e20089714856ee233b3902a591d0d5f2925
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ³	8	—	0	0.000000000	0.000000000	0.000000000	0.000000000	a9edc6a813b4157c34dfe63cdac250badfd140296fa038ac037c47da231e7508
		2 ⁰	1	0.000000630	0.000001097	0.000000789	0.000001487	804e2cfea1d135bf550ebf75de5bd5887f6afb0bbe072a40cd8c65345778d77b
		2 ¹	2	0.000001389	0.000001461	0.000001181	0.000002119	e96e7f4136dc05a98d5307fd7b3b22f9a4b6d9499d01ba37fd41b8e6dcfe272b
		2 ²	4	0.000001896	0.000001974	0.000001625	0.000003093	75cdb9243d58d7a85db68c8b2c78befb24a2be72aa5a4d09c9a8421ae022cf21
		2 ³	8	0.000002629	0.000002686	0.000002368	0.000004506	e349fffbf1446630a0c6f61195864c51e5b6382c96b1dfa5fcb2c00a6a9786df
		2 ⁴	16	0.000003939	0.000003832	0.000003560	0.000007197	752c03ce3316ba05ca4c9256a56f20287ffa5ca9de120c54083422ff0aa39484
		2 ⁵	32	0.000006179	0.000005723	0.000005634	0.000011760	bec1dd85c215d41388e8e833a18c55e8da5e03f9a5f37da4a43af8fda7afe0f3
		2 ⁶	64	0.000010281	0.000009325	0.000009030	0.000020068	e0e2ab06335db0a120bf836bd1238025e1f166a28ad4c5b58024fcb0b7f3790c
		2 ⁷	128	0.000017858	0.000015899	0.000015413	0.000036025	1a4636a8d7c82e01b1ac4112def140c1f201e9e33c6d8c3f7214c60ce22be063
		2 ⁸	256	0.000032519	0.000028614	0.000027627	0.000065702	654f8154039196bfed6975f80418d1eb442da5027ca8bbeaca8609d477450195
		2 ⁹	512	0.000064499	0.000053867	0.000051935	0.000123828	937982b82a1bb6ca53927897d3cac702467d3c4c8b7f2fac3fca8804b32b74af
		2 ¹⁰	1,024	0.000130424	0.000105237	0.000100086	0.000231207	f5f625362094ef1a18de40ec22d33c1b7c223a2ed8ba6509a27c30c986cef0cb
		2 ¹¹	2,048	0.000250437	0.000206516	0.000192557	0.000429225	d2ad1a9c4775c036c7919360552b663441ac316138249b2d36315444badd25d2
		2 ¹²	4,096	0.000477002	0.000409615	0.000373964	0.000812439	d0e580e18bf75733071ae321899a6117b214282d2916958dd13a4bb880aea334
		2 ¹³	8,192	0.000930351	0.000805656	0.000730828	0.001567147	09be3a66b5b2e94ff4f1952a5670bf254a1d26b36ddf117a493df160cfcfe02d7
		2 ¹⁴	16,384	0.001822637	0.001607037	0.001445400	0.003078957	bec1dd85c215d41388e8e833a18c55e8da5e03f9a5f37da4a43af8fda7afe0f3
		2 ¹⁵	32,768	0.003620496	0.003207306	0.002883281	0.006048936	e0e80d25a04b12f74fec1082576d9951de9a8def0de7b0de34d19f8566e4b5bd
		2 ¹⁶	65,536	0.007184369	0.006398273	0.005737930	0.012009794	39276d2f89a0cf45b0f1a7679c10e3a99730ce239b9ecd219c6c3232c3ce5e60
		2 ¹⁷	131,072	0.014327719	0.012752682	0.011425785	0.023886259	f0ed6d60de7e4d1b8504ae5eab192e6a8764f3c1c0374e680093839b8ab97776
		2 ¹⁸	262,144	0.028622588	0.025442974	0.022802830	0.047574025	95fba9f952e3583ebd4c6ba4de9f110ad6458335a84898d9fa06af28902caef6
		2 ¹⁹	524,288	0.057167851	0.050857358	0.045538356	0.095012809	4dc045ab31b06e8960777859e2c26ab73236f46ed5287074bdf65e40e19fd9a6
		2 ²⁰	1,048,576	0.114334229	0.101703482	0.090998683	0.190133955	bedfeb32e26f7f387aa09e7a5cf46cb4cc006d7599aed1b89b79d0b7fb735b6e
		2 ²¹	2,097,152	0.228412487	0.203273011	0.182202852	0.380298625	250de189ece223973a85776a534c273d6ec140e2dba88dc893603018ed88108a
		2 ²²	4,194,304	0.456739903	0.406122095	0.364190906	0.759725753	5efa1f5e9377869b2bfbca037857f7713eedc10a0cafa2543dca4fdcd0b990f
		2 ²³	8,388,608	0.913385104	0.811673706	0.727955689	1.518940147	9f4305c9d30dc0bc936180856c7c092014683a6a121cdbe1ac0e50f6dda1ebd7
		2 ²⁴	16,777,216	1.826213199	1.622707143	1.455528884	3.036968856	f70634dddee2487f4d86bcae2be489ce0bfa88bdf1d007a209073fbf6274bb2b
		2 ²⁵	33,554,432	3.671817722	3.243664562	2.910542205	6.072936166	3a3ade5afbbc718a1b790e67f91a56a735ce367851ab3b31c38e0b6c07681437
		2 ²⁶	67,108,864	7.325858024	6.486024903	5.820531646	12.139643239	36d1479f01eb518f94ffe001441db3729a93a9034fd49c37de7388cc277afc26
		2 ²⁷	134,217,728	14.632768374	12.968846470	11.640950404	24.281238251	d0e580e18bf75733071ae321899a6117b214282d2916958dd13a4bb880aea334
		2 ²⁸	268,435,456	29.244254099	25.937977235	23.273739255	48.555532377	6ed791b9abae21d06396fb0666b36806e764a698f5d1e2bb2a720dd09d9b2a28
		2 ²⁹	536,870,912	58.487281597	51.868106678	46.540785225	97.096064752	9f4305c9d30dc0bc936180856c7c092014683a6a121cdbe1ac0e50f6dda1ebd7
		2 ³⁰	1,073,741,824	116.937489538	103.743889052	93.100971285	194.183819029	b5f0c80ad48b197318d7f8b7fce775cc31d2fa23d9f9d24da9678f55589c7f1d
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁴	16	—	0	0.000000000	0.000000000	0.000000000	0.000000000	1771245c6ac918b87e1ad0502ec55ee7ffabbc91935cf8ea10b0ccdcf49ff6a8
		2 ⁰	1	0.000001530	0.000001217	0.000000818	0.000001463	a5ee93d7e866ef7f1e3218e2fe812113dc3415d63e7ea915b0ac2c496bcc3915
		2 ¹	2	0.000001975	0.000001663	0.000001202	0.000002224	abe2bf9292faf0351da9e8166cc9924c0f7cd47dc797af14a92e2379423b2168
		2 ²	4	0.000002529	0.000002174	0.000001788	0.000002224	3396828c94f3e7acfe22481e2b1999e868dd4cb2493e9395d65064721de94b36
		2 ³	8	0.000003470	0.000002991	0.000002536	0.000004258	89bcf91b916abe402ef807eaadfeb121e15ae1f5b67f904f431bcf68776e2341
		2 ⁴	16	0.000005469	0.000004479	0.000003922	0.000007677	a6ee99c1f7dc17d0bdc7564896eee619c54b79c98c458687bd478c6104bee826
		2 ⁵	32	0.000008531	0.000007049	0.000006409	0.000014084	0033326f4c9ca25f5aec26486aa41dfcb4c7b5cf1132ba2c02ebac6b40e0a59
		2 ⁶	64	0.000013566	0.000011650	0.000010539	0.000025408	b43c4f9d71d8e3e88bec0852b51b1f7467c04353fd0f5f0bf211aaf2d2605eb
		2 ⁷	128	0.000023180	0.000020247	0.000018659	0.000046613	e65fb18bcf355dcd86aa6128fb365cfbb9341924d5fa448d30e2bc4d04abe1b
		2 ⁸	256	0.000041746	0.000036754	0.000034009	0.000087224	67caa73442a74cda7a43fd04e82a608797f405f141fe437726d028ddff76691
		2 ⁹	512	0.000078114	0.000069024	0.000064600	0.000163564	99274791936953f3de5c02959bd06bb18db4360aec838d11b05f2a4a038bae98
		2 ¹⁰	1,024	0.000151016	0.000133874	0.000125294	0.000312063	edb54c90f94a35e481ff2f37d38804a9779186451f15bac494b8dfd20970a254
		2 ¹¹	2,048	0.000298818	0.000262547	0.000245401	0.000604086	36f0723f4f5ab20d77df4a63b3db1a5a74befcf5f72d29fbe115f1b425a5c97e
		2 ¹²	4,096	0.000610671	0.000519081	0.000480840	0.001176617	1a47f58f2bb31ebf9ed347b0070c4a470149d95e7e71bcb37428cc07c76965bc
		2 ¹³	8,192	0.001183593	0.001029161	0.000948304	0.002321900	dec6bc2da5704a7822d7c2117235a3dd24d62cae5c1d62d3aa965c87051bc346
		2 ¹⁴	16,384	0.002394211	0.002047045	0.001874297	0.004569067	38618f48e5b5d3a94f0d1ac35445b5650112bbe0a650bac4de004de6763b6a6c
		2 ¹⁵	32,768	0.004706496	0.004075500	0.003727006	0.009050559	283704ec538339d5f554844af96c75836675030a10650574d1818e4881541f04
		2 ¹⁶	65,536	0.009411287	0.008118809	0.007400835	0.017963277	fb9c8d05ef54227f644e9789e7d8b4a2ac61c159f6779e5c92b92404e9c395d
		2 ¹⁷	131,072	0.018684621	0.016239501	0.014751783	0.035755989	0c7787a2d0fbd1163fb95e55a1149c252e81b6459dc4db2ac01e555774c0ef62
		2 ¹⁸	262,144	0.037233380	0.032446587	0.029432339	0.071345941	97841a1caf9d6e07091880cf70cc4c4790338bb9f82e5949cf88cbeb189597e6
		2 ¹⁹	524,288	0.074225528	0.064850663	0.058744820	0.142643373	df3cdf3e2da56cdd0ec0a43605fe05e3ec534c945ab05d9d9352be333644b79d
		2 ²⁰	1,048,576	0.148501748	0.129816439	0.117660289	0.285173223	477f4afe780423e09b0c14acd8ca82c3ae9f1542a456d27bf385631970224cee
		2 ²¹	2,097,152	0.298898339	0.259361035	0.235123303	0.570373749	0a4873e82df23c6a9bb7816b66ba1d015e6d3248a8958ad72fb10fb001f72073
		2 ²²	4,194,304	0.595467686	0.518613518	0.470106780	1.140509603	932038b740efa62bce889f54f185d079dab4006241beb337341b431a2ef37e6e
		2 ²³	8,388,608	1.190414382	1.036832267	0.939827155	2.280949363	c8cab5ab79d08caf5a19f896cb0cc4601bc85eac7b3f2c8a931a6568abaa10a7
		2 ²⁴	16,777,216	2.378137778	2.073512796	1.879195993	4.562225171	dec4df793bfc259650778b4d9ee00958c25c13541fd5d284475cf5fcd93a78f8
		2 ²⁵	33,554,432	4.754781185	4.146720221	3.757911633	9.129731817	09103f693e6dc4b8ec66ed295f6520dfb173df76def7b6135fd78813a3f2e7b4
		2 ²⁶	67,108,864	9.508443544	8.293980958	7.515644595	18.255412347	697d9d282d263a1368523937c6ea300cbdd69488fa252632f7e90dfc44410f25
		2 ²⁷	134,217,728	19.011377276	16.586089357	15.030748989	36.504653828	8ea0ee7515714e298ab7ab69c025e017e4a35d9cd612fce0699b5ef4daa24550
		2 ²⁸	268,435,456	38.020685159	33.170470159	30.060685606	73.009225724	97660a6c891d37cdc9225ec12c0a69ab0e6323e17e03ce25fffb33af1468c35b9
		2 ²⁹	536,870,912	76.046947505	66.339445870	60.112202918	146.018383163	a701129f873cddb578278b946b2f6e95fea20395ee430a4d8d1e57e3a91ae44b
		2 ³⁰	1,073,741,824	152.102481602	132.683035631	120.220974796	291.987055520	316422907fd48f6312f51b810325c69d4aa931c773f4b687601a2074974d3626
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁵	32	—	0	0.000000000	0.000000000	0.000000000	0.000000000	71f1f85eb3c5908348a612fc79952facd77059477972f5f3a7b3e7048e92ce2a
		2 ⁰	1	0.000001257	0.000001084	0.000000727	0.000001827	2853fba89ae792340f1b72154c315322a515c1fc6e2495fd89b20fb46d1bb30a
		2 ¹	2	0.000001836	0.000001543	0.000001128	0.000002963	73c703b7cba3fa4bd53e558f837fac15c81316a9863768d86782d6702b6a4f58
		2 ²	4	0.000002594	0.000002241	0.000001712	0.000004726	faa47388bda5d69012f52534c425ae6463caee99160abe82b3fab716dc00231c
		2 ³	8	0.000003733	0.000003285	0.000002658	0.000007187	cbb273ac1a935ed2c66d2c25c0730923558a1f04674b1fd34f381e8f3efa642e
		2 ⁴	16	0.000005810	0.000005315	0.000004433	0.000011347	d49ac5d1dbb697c28dfcaf448e180bab3fb29df0d97b9fafee0fca548a884b94
		2 ⁵	32	0.000008997	0.000008552	0.000007246	0.000019129	057b771daa29b01e3fae459279067e32429bba3e61774a5b0ce15bc8b1986592
		2 ⁶	64	0.000015374	0.000014699	0.000012755	0.000034079	80d8b915cc6b4390af630e7edc6cd517381d94a3777178e9b34cbb78b8e70189
		2 ⁷	128	0.000027252	0.000026409	0.000022999	0.000063086	890d00dead0d516bb4ef47209115d105e6881e2c91b91e56db80fcee2eff354a
		2 ⁸	256	0.000050715	0.000049209	0.000042725	0.000115191	3e0e2f1312004e5ef14899dbb528a38fd28c1d2d02e8248dacf08ff2102f51cb
		2 ⁹	512	0.000096733	0.000093452	0.000081326	0.000213068	d543a3141f2f340da6b6415d617fb9efbc0fd1886b4300645006e440b42b5d89
		2 ¹⁰	1,024	0.000194237	0.000183631	0.000160229	0.000409035	9589cbd9932b6f57b1da3010e05dec24b28e2a79f270df9e0041e838db6a8bc0
		2 ¹¹	2,048	0.000383229	0.000361632	0.000317040	0.000792657	88bc24a2a3b2d93a0b3ce561a02af279abc2a9e691470232e31ae311d65feca6
		2 ¹²	4,096	0.000776902	0.000714995	0.000627886	0.001543836	78b904052e2b0d1cbdddec10fd7e113fa9ee40de719205e2fe6d38519af605543
		2 ¹³	8,192	0.001520379	0.001418436	0.001241981	0.003045101	20941e9341a2e793c98ef25b6a6b18d13e1d5e32190835068ce76f00b1586fd2
		2 ¹⁴	16,384	0.003088312	0.002825170	0.002478318	0.006054649	407dce957fef75f4076169866067fbf501719adc680d1a98d865f75ed88c2b77
		2 ¹⁵	32,768	0.006168876	0.005631143	0.004931962	0.012002442	c6e0b75054dc32731ab33caaccbaac1b3422c67231475b86529e8497ad3c5cb7
		2 ¹⁶	65,536	0.012260659	0.011263136	0.009817198	0.023897986	4005d4d675ac366b923d111e903cf5b60d60b3a0463372e8a3c53eb35dae757f
		2 ¹⁷	131,072	0.024550827	0.022510962	0.019587546	0.047665797	5cf757ab1876eb939dd5123ded74f06dc2bfad1b906428aebec3207b0b98a181
		2 ¹⁸	262,144	0.048949512	0.045012842	0.039135679	0.095160994	b4e78d5d8eeaa1db2072fa891bdab119321ef6e7acc0b21d17dd4ac3a4c136c
		2 ¹⁹	524,288	0.098157674	0.089983313	0.078142983	0.190141829	2638f2d8d10e373eed2653fd69a2b06bfd9dbd5833ace8ede504db5de19b17fa
		2 ²⁰	1,048,576	0.196699208	0.180108853	0.156400405	0.380299029	d91876e3092b96f89c227962111e38935abf9727bc55057d72edbacc9986071a
		2 ²¹	2,097,152	0.392616184	0.359927095	0.312479754	0.760324536	657cc858e983539a514242641f5dff198f05b676db186e3c2d23b962a9684507
		2 ²²	4,194,304	0.785254169	0.719866681	0.624839780	1.520434244	8810d9ecc4f256c9f9d23f3ba236fb90005b3b5530b521b54714dd0f2aefeb5d
		2 ²³	8,388,608	1.569838803	1.439468269	1.249439400	3.041340130	2d480ae66523cf6c11dad72a4e1a9025e47b61ebce5e187d5d7c09ad333ad112
		2 ²⁴	16,777,216	3.138585337	2.878304737	2.497765888	6.082639841	7ad572a6872d0fd43028b620587632df8eeb934a9071edfbade80a5b17798ab6
		2 ²⁵	33,554,432	6.278232883	5.759685277	4.994209940	12.164859583	0a9bdd3315f000a09a899f9cf9feb8a6aeec4323e9f2527ea6b6278907eb402975
		2 ²⁶	67,108,864	12.558403600	11.515218020	9.988391875	24.330848221	9d8d927ed3257e71712d422d68e2dbd218c8b99a2a7b249a9e749d1ce68bee3b
		2 ²⁷	134,217,728	25.121242492	23.027292849	19.975350566	48.664941934	8fb139a9eac949df8404276255e56b2eb5c26089445e86fd2a51a43e950859db
		2 ²⁸	268,435,456	50.260626095	46.050432393	39.949223538	97.326915959	a5f5bee44df29a7db169c484033897f1431d28ad258e173b83baa3c4e2a80db0
		2 ²⁹	536,870,912	100.507596825	92.097724714	79.897476189	194.662392334	53f2aac2a041a9d2cfc79c4c09ea79e41056cb9eddb67c3d860e5c6b83b249a7
		2 ³⁰	1,073,741,824	201.035078347	184.232501762	159.804165237	389.361305141	d917633f410caf448175f7c76971109a145d62c560a4319b9af69a52c6d23b7b
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁶	64	—	0	0.000000000	0.000000000	0.000000000	0.000000000	bc06fa314ab9b8bab40d7f92a431fcd967cda129221b4a0da8f1ab653d5ded4a
		2 ⁰	1	0.000001302	0.000001292	0.000000841	0.000001803	530a20843e85992855a02976ab7caaff82011165d436e6d2c69aad575c145573
		2 ¹	2	0.000001978	0.000001903	0.000001397	0.000002710	354d8938dbe7667404983173b7f075c108272b326db8480f2a2ebd26364c7ba6
		2 ²	4	0.000002846	0.000002584	0.000002083	0.000004153	60b0bf6689288d89b9a747df94b88b055dd1ebdb68314b2936afeda0ef7cb0aa
		2 ³	8	0.000004245	0.000003765	0.000003032	0.000006826	0828d51091ae4ab63e584b15eac839ad0ee42cf0db7e90d32f4a427c7d482d40
		2 ⁴	16	0.000007222	0.000006587	0.000005428	0.000011590	abb50432c42e535f63c02c4c13f1361e124fb502cd72f60036917d3619e96db8
		2 ⁵	32	0.000011915	0.000011414	0.000009374	0.000020844	a6832044bfff7020a00a9d55828085842e4ec44f66d7e1ae64ecc68b82c0ba968
		2 ⁶	64	0.000021663	0.000021111	0.000016853	0.000038190	7d0d1597752f822e323b839c2f6a324a38d50388de9f0edea7e5199662827ee8
		2 ⁷	128	0.000040472	0.000040124	0.000031847	0.000071306	6e441c5088e64ce6b780e5fbe6507f4dfc5bbb9b5278bc13460633af292a7af0
		2 ⁸	256	0.000075711	0.000076276	0.000060906	0.000134440	4fff74d6dff4804380cbb07cd78454234f4614ac5537e4ac7c79ea74d7924865b
		2 ⁹	512	0.000144500	0.000145086	0.000115680	0.000258994	63e6c41bdd625e571f9b129081fca7c689293f03ebf847b18fcad2d14cb94d61
		2 ¹⁰	1,024	0.000284650	0.000287112	0.000226991	0.000505958	93c3ae92524216e5331a69817eab3586c2defba0670569318e58d39e78291913
		2 ¹¹	2,048	0.000560012	0.000567385	0.000449399	0.000989720	5302227eb4304fce645f8cb3df6b276c5460c899cb26275d60d2c0f3bd2f48d8
		2 ¹²	4,096	0.001091617	0.001121864	0.000884202	0.001949158	26505629bf3c9753709114f2f0d25aa34a7b575560dfa998b4914d932c92751b
		2 ¹³	8,192	0.002159842	0.002232064	0.001756933	0.003832085	4f8f6428d617f225cae10a14c05bb76cb59917d16713a155c8414d9e5025216b
		2 ¹⁴	16,384	0.004300084	0.004452072	0.003505197	0.007617527	a186748ecaace1e4a760d3f235d928c9100baf3b7432e56fcd45e44cdf59637b
		2 ¹⁵	32,768	0.008607604	0.008904490	0.007002418	0.015215577	c802e2c87e3b89c9e82dbc521de62782a17116917101f9ece281b3c271b66b82
		2 ¹⁶	65,536	0.017163392	0.017798191	0.013998942	0.030377352	e6bb19f4671d066528f698b2c01d0b0618ec4c507c246a91a470657ad06aab98
		2 ¹⁷	131,072	0.034292432	0.035629202	0.028000087	0.060674889	1e2ade2d3dfaf47d956dcf5ec7c254af548e08a2986af5a54f1ae355978c261e
		2 ¹⁸	262,144	0.068664707	0.071220223	0.055998763	0.121294589	0ae285e6b85db45b7ba1af83396ce8301146b8ddb5d4c72930f4158c45728ccc
		2 ¹⁹	524,288	0.137173570	0.142450986	0.112050174	0.242553785	879f766d654704bbfda28bb8414e3da8ec6605d043bc3c275f4a53343395b004
		2 ²⁰	1,048,576	0.274107333	0.284807835	0.224077578	0.485320498	9e73c96115af2aed3bf09c8054c1010fedeb328333e61e85e2b7db9258506b6d
		2 ²¹	2,097,152	0.547606090	0.569645298	0.447931782	0.970178649	b87ee3204072c2d38973885a0ef15d3d627093e383c4026317d586bc63fd85de
		2 ²²	4,194,304	1.094936883	1.139628911	0.895656756	1.940596587	b91bb27ef861393e9b259ff559bc675ed1bd701a36a135fe346fd90a6f31aa9d
		2 ²³	8,388,608	2.189549123	2.278334834	1.791348112	3.882255032	9f1176b5a67c654c2df5e8034440400fbcc04c1492bdd5a1e5f5790b813086d2
		2 ²⁴	16,777,216	4.379837447	4.558191389	3.582590508	7.764952944	b5b5342de35db3eebac307f6ddc1d69e1f47ca2e464c464103cae5502aef73e7
		2 ²⁵	33,554,432	8.759629885	9.121465753	7.164839239	15.529212885	0a25d5fa2a32654cbc23fa08930713432fe29b4e374b39ebfcaee51819fbf86b
		2 ²⁶	67,108,864	17.522054301	18.259049359	14.328230798	31.057163821	87d09eb7c524768c176d63883c16a3a35fb2802b7bd5b3c26302ebd4dd2455cd
		2 ²⁷	134,217,728	35.040169256	36.547268148	28.654234166	62.114426312	d62654f4b0ec83d12faba6a4b2eac357d14077d224205ed96d43061ccf2784df
		2 ²⁸	268,435,456	70.080557747	73.067757104	57.305083657	124.217601301	5d459950c2b61bae58096038507ba43f489dd59aafc684d2c97f08b05187b77d
		2 ²⁹	536,870,912	140.164222964	146.081016291	114.613643791	248.440751834	f141e1a27762bdb042ed4da3f015300c74bf672373b8344d6fcd58a151b8d1aa
		2 ³⁰	1,073,741,824	280.347475947	292.279944268	229.210632175	496.864305685	ace9ec2a7beb137830817c5dfa37e8f23be1bf833d170ea91cb13a67bbdb5ac5
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁷	128	—	0	0.000000000	0.000000000	0.000000000	0.000000000	d440f465464ab04869389a075e6bc51a2a7e3121528f5fa89e9dd2e614907a3f
		2 ⁰	1	0.000001520	0.000001491	0.000001127	0.000001954	34bd0eb7e963f1923e3550a65d39d3843667b19b9ba3949ead892ccb54c4ab12
		2 ¹	2	0.000002550	0.000002431	0.000001908	0.000003108	b06f9c62b438631e43ccb10e41b11f4972258b000e327e7af55878de3d40b28b
		2 ²	4	0.000004320	0.000004268	0.000003251	0.000004737	bd8617b45d5e2167fd9bd162fd4dcfac20b7165b1c1d17047a89c8f146ce6438
		2 ³	8	0.000006388	0.000006224	0.000004738	0.000007602	3fabf923f8db871eac4c2fe8b888e5d9e8cd5854d526beabbf62b9c56016d51c
		2 ⁴	16	0.000010487	0.000010628	0.000007878	0.000011927	b660258088fa2d7f36d9cc08a5128a117d9d8e02d7a5594993438c7815750fe9
		2 ⁵	32	0.000017750	0.000018878	0.000013728	0.000022194	d8d5adaab301775c4be99597e96cfd743abc3aeacf4491fce7220e44179764ce
		2 ⁶	64	0.000032293	0.000034870	0.000025285	0.000042467	d0099785685efe308534faeb221a2c9bc47e7bfdc47d9f401bc1647041eddc51
		2 ⁷	128	0.000060407	0.000067783	0.000047800	0.000084490	37b1ba7175f0707753d6133bab92aab2d06ed5b215f5467236f12972f18bed13
		2 ⁸	256	0.000112359	0.000127546	0.000088113	0.000165724	2d202e26ebe788464d3b0f4773938cc444fe4555245e3743aca078938fee16f1
		2 ⁹	512	0.000219049	0.000249368	0.000172525	0.000320950	1cf20c396b7218f62b6787026933ece18b62c08732d1678300dd43a84bab123d
		2 ¹⁰	1,024	0.000432619	0.000494855	0.000345540	0.000617090	2e6ad04abb2b943d12b15f5c1965124f2a3247af998e6c33fe20d98f0a6ed45f
		2 ¹¹	2,048	0.000852759	0.000988054	0.000690038	0.001201721	3a6a2422853499240366a40610e64fd7d7a1b3e5678e783072330b0f568455e8
		2 ¹²	4,096	0.001688812	0.001970611	0.001376800	0.002373933	ca53e2669e7efd4eae035b7f2c51b4b7a7f9261e53b2d9e4013d77c3d954df26
		2 ¹³	8,192	0.003338558	0.003927655	0.002747480	0.004715576	a71b40735b82d94095e83a08e726b3d7f80688f8500ef1098e431fb9430c5576
		2 ¹⁴	16,384	0.006648379	0.007847163	0.005501207	0.009423575	3843783fd19178cc01b2bf12d0d765f6feb9a1252956a17d1666fa8b78337fa7
		2 ¹⁵	32,768	0.013277447	0.015655713	0.010985115	0.018774910	06bcdcd634e16e6fae7f11b38d0cc81bfaded81a5401add201d081aa29e6b106
		2 ¹⁶	65,536	0.026480258	0.031256325	0.021900267	0.037458018	e8ccb27ef9dfc6c4c0b30ddb6bfc713ca1396f8f735b92eb87ab1b849ee1f3ae
		2 ¹⁷	131,072	0.052854263	0.062449924	0.043739378	0.074892973	f9f94e7b1f48ad2fd0469dcac8ed224c973a5610731de200449b3dc905767f59
		2 ¹⁸	262,144	0.105693750	0.125038489	0.087503495	0.149730519	dd147f25fd032a3b05cf05bd89107d1438ee244af1f6d5867ac46ea4d43157c
		2 ¹⁹	524,288	0.211531565	0.250145650	0.175294525	0.299101321	adca28b7f6f8e56ff9369ba327b15af7f3e4ebb9bfd1f516dd80b4d2f5a51653
		2 ²⁰	1,048,576	0.423005225	0.500300488	0.350608532	0.598230063	4e772b1930f2e3aa243909d9873f4854426a48cdf23efb03254d4bd38932fa00
		2 ²¹	2,097,152	0.845960056	1.000460604	0.701389232	1.196013918	1c0d91a09b783c8b65d7838e6dcbf6651eb70b247e3bf3b7762907401c647232
		2 ²²	4,194,304	1.691707167	2.000557112	1.402326503	2.392030168	39cf8f6ebff21cc7043d025b6af66de252a36733fc789dc61e6850f54df5a308
		2 ²³	8,388,608	3.382992543	4.003151528	2.804390585	4.784473945	becc2340e72a79904f59a7dc27953c0bc035192df2a9b0ed3c1d9efac580cf0b
		2 ²⁴	16,777,216	6.766082813	8.004248224	5.608114252	9.568838711	34184ffaf680d0696ac17d274caf2bec275c9b49da11c01d9cdaad54b3f2f45c
		2 ²⁵	33,554,432	13.536462613	16.014219833	11.215633376	19.136241201	04c0599048d8c7344c02b985b465827f010231f518a977f10795e15bdc399a9a
		2 ²⁶	67,108,864	27.067604101	32.035707663	22.431820898	38.273490847	50e407d455f4233b5b70428e2976c1eb4ab50ce6b7bd269b7c21aa2c841781e76
		2 ²⁷	134,217,728	54.130665400	64.072845158	44.863395202	76.541301004	141a6c33132ba45ae611a5718d992700ba7450d065f431c85bcd30b8c99e20c3
		2 ²⁸	268,435,456	108.271947301	128.136540145	89.727595165	153.085475686	d64cd3af7e5a5f5a34ebe653449e41655253bce6b678c3041133e18ecc92e81a
		2 ²⁹	536,870,912	216.541851035	256.279806077	179.450227028	306.158113323	65b30e7ca00492535361c4dc99d862c312137cc4ce97cb3666c4f81ee239f770
		2 ³⁰	1,073,741,824	433.104031448	512.551026048	358.926190230	612.332258439	7bfb30b4a0d2d68207ed43f24e8aa13f0ad39154f429816c5c0311f4f2003799
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁸	256	—	0	0.000000000	0.000000000	0.000000000	0.000000000	0308ed318986fe88331ec95d20b7720fbf8cd9761d7a7855341438c4fcb47382
		2 ⁰	1	0.000001802	0.000001797	0.000001252	0.000002247	5e28defaf6df6a2cb38510d3afbe7513425e5ef56e94f696b03f326fff207c20
		2 ¹	2	0.000003075	0.000002942	0.000002240	0.000003532	bb6cc3ff24ee4b71ab2ab69581eb860ceaf01490d134ee3a7f6abb08e1ab39b9
		2 ²	4	0.000004969	0.000004873	0.000003743	0.000005401	ee1fb475ce507f05324dad5cf8a141fb4cd23789c444f3af196855b16800425c
		2 ³	8	0.000008168	0.000008679	0.000006332	0.000008711	0c42f12bb5d63961e5cbe096f25d4d8683d653d5dbfefabc1613934d98276a45
		2 ⁴	16	0.000013271	0.000014844	0.000010511	0.000014664	0d587336397d9590d5c5948472b0046a0bcf5859ecf8298d3ca576bb873be4bc
		2 ⁵	32	0.000024639	0.000029985	0.000020010	0.000026274	25d22c55ab819655b60fe5272397970da9d86acce5e0098899339b744906b930
		2 ⁶	64	0.000045748	0.000057252	0.000037550	0.000049952	2c9e24bc2a698b186124403e13e77f814f0172fc493634c2d971374fea795c87
		2 ⁷	128	0.000086841	0.000107502	0.000070279	0.000094466	c09691afe86caf2a8771ea91731b33343c4652415089fe9a46317af9bc34d8ea
		2 ⁸	256	0.000173408	0.000213534	0.000138417	0.000184192	399c74232f96ad8f51e6aed42684daba63dfd0600919cacc350709d9ec1402c5
		2 ⁹	512	0.000345024	0.000430300	0.000272299	0.000362307	ae5ebd57ab0d9c62a7cbc313797792ff316d3c0f5b6a800e01230c9d327e17b1
		2 ¹⁰	1,024	0.000695395	0.000878667	0.000552503	0.000704172	b9ab1856d781302f0301011dac8a60e0741a1ddb3a25d5376a775eabbfa8e8c3
		2 ¹¹	2,048	0.001394791	0.001783685	0.001122561	0.001394307	979d7d34b0f0e6a51467d23af2b41b2f369513ce084683d5fe926558c9fd331e
		2 ¹²	4,096	0.002790351	0.003567952	0.002286802	0.002780780	a475e8e8c8cc0fc1acbdba46812f21784ddb7590bb037ae747710aae1398de1f7
		2 ¹³	8,192	0.005597655	0.007186039	0.004640839	0.005550169	f9b76fc45f1ebe7bf9919cf09704932bb7c7fb862acd1728bc6a0d83433758bfa
		2 ¹⁴	16,384	0.011176587	0.014321017	0.009244066	0.011169201	0d8e4f6d187c980f92f4a0cdaa2a85ed781fa203bb879c62b0ae89f00d7b1f4f
		2 ¹⁵	32,768	0.022348508	0.028751681	0.018489270	0.022322190	d7bda6fb1845b203b59db017f0cbc083329bb2c0a86bbc9a9363919b8621118f
		2 ¹⁶	65,536	0.044674656	0.057520980	0.036833764	0.044572189	5cfb902d93bca02eb28b170651282803a1dd9bf40a3b514654bd953e7e1455ad
		2 ¹⁷	131,072	0.089309672	0.115227461	0.073591009	0.089771804	b898a5985e8a3117b306a9fab2bae85ded2f7da6d8e3c77f0b32170604fafe7c
		2 ¹⁸	262,144	0.178988042	0.230785001	0.147290073	0.179390630	921375147135b181d7d54f29fddeae9200f9efdce44a4f6782cda2374f0d519
		2 ¹⁹	524,288	0.357513219	0.460883494	0.294133996	0.357973732	d547b61fabe7248f097d8acb1d01bcd9f1d5e21b0d531b6d1c156de5c30dffdd
		2 ²⁰	1,048,576	0.714983766	0.922019681	0.588332704	0.714869128	87193813e3078be867453a541b264bd897fc864bb4d7a0f92682b9766237e165
		2 ²¹	2,097,152	1.429678973	1.848179298	1.177056085	1.427307926	9ae3b244a2e8a8dfe0fce250e5aabdc7f4a4153cda08ebfdbfa661c0778536cf1
		2 ²²	4,194,304	2.859700363	3.690541728	2.353560866	2.853421516	f9b1268e5472e57050cb1a1f6bdc1edfcd92fae57cf096a6af36a26dd7dd9947
		2 ²³	8,388,608	5.720090631	7.376439797	4.705187149	5.705705479	a01a92e2bfbc6f97ab3bff9545da4fb6b1e5ae1ee266f28d145560c1e861c14b
		2 ²⁴	16,777,216	11.439864241	14.764814335	9.410316838	11.410831231	a5637be35f4de08ec638260f04f82a61f3f01159695d0596cb200634397c90fc
		2 ²⁵	33,554,432	22.877197492	29.541432375	18.819031751	22.819154772	615f8f39955e0705f3383155b9c645a4e4013f1d7fa058102747d9dda78a7969
		2 ²⁶	67,108,864	45.753968978	59.071681131	37.635719142	45.637112360	25d609d517ed591d56b8f180ee82d8fba2b4b2d40b5987ffbaeb15d0f2019402
		2 ²⁷	134,217,728	91.523748980	118.125606483	75.278801385	91.263794883	5480eb20dcf17c4d518a91a41fb5e03775c5bca956c5bfbe38d99a769cb28be5
		2 ²⁸	268,435,456	183.057908673	236.266480882	150.603512800	182.519115334	8203026144bf76128aaa13eeb8af268bd346671d92a426f075706500b7dd52ca
		2 ²⁹	536,870,912	366.076003624	472.483965645	301.227020369	365.032142048	ac05dc52581af38d4f1b4dd024b5386d384af2616297bad1c706c495efe161e2
		2 ³⁰	1,073,741,824	732.075258094	945.031992782	602.445112054	730.023690221	3862c84cd7954af83836ea86fc1733fb34b83293cee5955c89ffbfbeb169b521
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁹	512	—	0	0.000000000	0.000000000	0.000000000	0.000000000	c75356a96b157bfa0707bb1524183389cc7e22313d109dcc85bfb7efcdd8285c
		2 ⁰	1	0.000002416	0.000002685	0.000001896	0.000002323	c75356a96b157bfa0707bb1524183389cc7e22313d109dcc85bfb7efcdd8285c
		2 ¹	2	0.000004221	0.000004411	0.000003388	0.000003694	90fa35720eee4f418dc33612e272c3349e2ecb92729d662b0fe846afaf8ace0
		2 ²	4	0.000007890	0.000008858	0.000006343	0.000005810	41c902386987c3bef6334488e973124620f57e42039fb0418a7df8eb98710a11
		2 ³	8	0.000014994	0.000017082	0.000012419	0.000009566	06ea14b08f91277c78372bb999b7bc7a04aa59bf22997576be10bc95946a9922
		2 ⁴	16	0.000027090	0.000032733	0.000022149	0.000016582	aec6e2a41d398cfb62a81a7831ef846dd1a4a26e47984c62757b311d215e0eb5
		2 ⁵	32	0.000045248	0.000055617	0.000035801	0.000029675	b53a1afff6eca75a773a71b6502b9324fdd8d3be274421690a2cc820cda33de9
		2 ⁶	64	0.000081284	0.000101068	0.000061227	0.000054734	76bf9431f94dd2f403289539d79d3e3ae1f0edc6031b57a7f56eb4775464d385
		2 ⁷	128	0.000158090	0.000199918	0.000117013	0.000104734	5d93c5d47dba76688da97cb536ab7ef15a22b17b4baff3606e2a0e4b4aebae16
		2 ⁸	256	0.000314908	0.000397100	0.000232667	0.000203849	921218f73b45e7659cf3821ec5be96ab6dd570d236dfa31854abb1fc8eb2df37
		2 ⁹	512	0.000613890	0.000794862	0.000477999	0.000403146	9498c260e53b43ce01fd59589c6ccca65b3878d95af6f67687cb68fa8dc167a7
		2 ¹⁰	1,024	0.001211010	0.001592679	0.000933596	0.000804676	87523d10b634e40301ace0d765347fef185cf1862352abaa612a3dc62829c57a
		2 ¹¹	2,048	0.002469666	0.003286297	0.001933039	0.001598783	5b751f5f9d4dd3a5eacda0e65a8ff1c49cda40026690ad50cf6e3a7db3c978dd
		2 ¹²	4,096	0.004950018	0.006666847	0.003902779	0.003198207	3fe705c5e4dd77eaa26142a081a55db1ca8cf0f156203452e25d8916aa422a2d
		2 ¹³	8,192	0.009897261	0.013385325	0.007885059	0.006378234	1de8b9c92122b8882a779d8d4d378ad9c1b64e6dc65691ed5de719d034455532
		2 ¹⁴	16,384	0.019813239	0.027009841	0.015924115	0.012865668	fb62aa8f030ffd04e70135a005d8c2d9669e37ddf9ba48a68a8da5c5e8fe352a
		2 ¹⁵	32,768	0.039519490	0.053778136	0.031670938	0.025797850	34cf3fe82e0296c07b1e995b1dde54d33c63ec5f10ddf9e00a57b0325710af64
		2 ¹⁶	65,536	0.078949573	0.107664405	0.063458965	0.051593360	c359206739bdea85bd08577ca2889fc1b95753ea2290e67bd636e6a24c7b7171
		2 ¹⁷	131,072	0.157877629	0.215205661	0.127002403	0.103397789	40785c19c79a9c317a394db904d5fdce6c8bb135c1fdb8b270f272953cc59016
		2 ¹⁸	262,144	0.315571935	0.430708264	0.253905675	0.207112061	07efcecf64637877dcdde8014ca9daabf368acef96a311d79123f340caf97276
		2 ¹⁹	524,288	0.631448875	0.863169861	0.508312746	0.414120087	0511054dc6c7b1d099c721edf8acf05a26796e9165d012ab41a15d262eedefed
		2 ²⁰	1,048,576	1.262464625	1.733851363	1.017019742	0.827998537	aa2f05ed7ef2feec82f54dc60e371a873c7c6882b8512b45e0cb203b72d37973
		2 ²¹	2,097,152	2.526061595	3.468214282	2.035537283	1.656367990	304dd72a9197ab36b4751e2c81cf3ea96ea0face45ce6d3e5a17b534642fe8be
		2 ²²	4,194,304	5.051850563	6.938807603	4.072751401	3.312459345	778049c62398930e43a209c51cdf9f36e2afd90ca768f73b02da287e2b871214
		2 ²³	8,388,608	10.103466052	13.888944963	8.156512502	6.626450046	8789a57339f169bb4b5e8443bd0af33db78f5917860ef9d8fd3b2dca3bb46935
		2 ²⁴	16,777,216	20.207033345	27.886469798	16.298419481	13.254390427	98a7d706fd297359d3d82e610a3e56db0518718e97a1528aaae36a57ce7ea985
		2 ²⁵	33,554,432	40.415681319	55.818260530	32.588060184	26.514007936	42dd6bb625208623442faa56a8994eed9b3bea4053c8f891028f27102fef1984
		2 ²⁶	67,108,864	80.834124494	111.710846843	65.163058082	53.029124028	ecfa68d90e7a336a120b588724255a22c357409eeaf0e65f7c9eeb9e51212d25
		2 ²⁷	134,217,728	161.678729043	223.636669925	130.319849636	106.058291878	6cc6ec9d71782d4fea964ca9f2f22699822cb72d2fd2ca43d89e1fc1dca83297
		2 ²⁸	268,435,456	323.405706789	447.446071701	260.637014218	212.106676435	3d5e34e91f701abe706c16e0b83577a311c2f627a884d7df4bdeeb784a183628
		2 ²⁹	536,870,912	646.815087755	895.921642525	521.575862352	424.179518542	b695ac6814d55f3c4b27f9e5b8c56bf1df907cab656790711ef3a693574302ff
		2 ³⁰	1,073,741,824	1,293.685885832	1,792.315048862	1,042.813678856	848.317069395	ba1e0ba92a2ee4355895b681295182089521a4edf412669d28b3c2b8458ff42c
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁰	1,024	—	0	0.000000000	0.000000000	0.000000000	0.000000000	d277c63eb784c472454545620f4b773ecb20ca01a76fa7c83151532d87081ff5
		2 ⁰	1	0.000003032	0.000003875	0.000002336	0.000002190	55363327f7d6b0408ca559e3f65d3d7f8c1ad1dd876ccfe39b10b986aa7b162d
		2 ¹	2	0.000007312	0.000008752	0.000006050	0.000003566	1007b76969ddda29427ff07c28d24e5740e56268abb9911b794163cdaa0a522
		2 ²	4	0.000013781	0.000017427	0.000011333	0.000006063	11e6bb6a6669b4f660be43d08509bbb14c38675bea374ebb2ebd807f63b1d269
		2 ³	8	0.000023838	0.000031961	0.000019452	0.000010462	1606142df28f99fa081774276d547bf9d30d136119316bc428c9c258f79787a1
		2 ⁴	16	0.000041932	0.000058113	0.000033935	0.000018620	3206fefdd6d71573770b4bd6484039df667f298096488a2962d3a498339efda1d
		2 ⁵	32	0.000077583	0.000104143	0.000059439	0.000033593	002586e7f13c900bcf3225138d21e889c526464af4f408fae7fee533f8f68617
		2 ⁶	64	0.000153118	0.000200471	0.000113699	0.000063559	0ebe89f9a0879f5f3769d8866ebdb77d2b68bc49c3b62d7ff92d5b848f6eb621
		2 ⁷	128	0.000288820	0.000381465	0.000213608	0.000120524	3f17c0200648fb6d285bac263c159cfb3af37a6432b4942e4b5bee76a28fb38e
		2 ⁸	256	0.000576107	0.000756800	0.000413712	0.000233782	a83afe49ff16845169d9233670c0eb805f1bdeec5caf0b70acea482e4b8b5493
		2 ⁹	512	0.001137822	0.001513538	0.000834660	0.000459806	46fb66e9ccb1ed9bb049ee10414b20ad126d367565595e20722f54fd09039595
		2 ¹⁰	1,024	0.002296714	0.003030299	0.001662118	0.000910372	ce44eb3fc18e5ee58237b34991ce2c7915c65831d7ccb57a87e1fa97f8e73c4e
		2 ¹¹	2,048	0.004570292	0.006021521	0.003314970	0.001823931	637c645478ad942a0568ea3e4f5664d94e6a463df003d9603f9eb5f354ba6939
		2 ¹²	4,096	0.009155072	0.012037324	0.006621885	0.003701094	660c8de564620936796219200bef52e81676621ce50430795cd57fe5ebdf859d
		2 ¹³	8,192	0.018361595	0.024138480	0.013327315	0.007413588	3b4016b817747bbeda81c01ae6e7643ab4fe18845a25fa4b987bb3caaeaebc40
		2 ¹⁴	16,384	0.036690995	0.048662431	0.026538291	0.014809704	fe10c2167055396d307730cfea33b4322cab482cbbcc0a8dbc17859a2721a29b
		2 ¹⁵	32,768	0.073582103	0.103268351	0.053133109	0.029779347	95c6efd2251b372acc594509743b7d66d62c14f8ade4c9452eca79581e466734
		2 ¹⁶	65,536	0.147456675	0.200112866	0.106399369	0.059627213	2166abd4c54283e6337c7b3afadb9a3a532f25bd0e332cb395d3d108efb26642
		2 ¹⁷	131,072	0.294363867	0.394147714	0.212736555	0.119020791	74af9b5900edd263076714a432321f210ca9eb9d1e494715e32de92f8bcc2eba
		2 ¹⁸	262,144	0.588627963	0.832224566	0.425189412	0.238675889	a838f7739212be3e0e1a10dc174f508bfeefd1279401c033aaae67a3b7987ebc
		2 ¹⁹	524,288	1.177362428	1.619532445	0.850445977	0.477607697	927eedfc052aacac8ff2c05da73bfe71f1d25c7390db71de983d2d3661bfe0d5
		2 ²⁰	1,048,576	2.351352823	3.301190910	1.700060634	0.955131187	0f70ae3d4e1ba556d5a5a3ade39006e33fff05c6bfff821ca0447039a33b6e
		2 ²¹	2,097,152	4.699042223	6.789226397	3.398992985	1.910296262	8bc6ea78bae7e3064c20dec16b3ba9c3a8a8704705ac0b6d90b0e64fb8604b78
		2 ²²	4,194,304	9.399720732	13.615228685	6.798315837	3.819699219	42e1bb403bce3f3da55117c8923ec3d95b93b3775b1144711d1912c1847be35e
		2 ²³	8,388,608	18.800778671	27.228539347	13.598582994	7.640020010	cd8ca24d5ffa7cc6c5336f5f7c63790fe9d8acb183b3898b088af7feb45782e8
		2 ²⁴	16,777,216	37.608758918	54.236591506	27.197716353	15.289251211	c4cb57afac0b32cb3d9e46665eba624cb01ac587d6e7b545de9cd6648613c177
		2 ²⁵	33,554,432	75.233494536	108.936642194	54.390804050	30.575516020	f6fb79a400e97e5d7e534d4d5df3597c2953ea8632bccae89ca970fe2bad882
		2 ²⁶	67,108,864	150.451442006	217.257560428	109.149367754	61.145436745	162aba117e6e92a132581cd5f00a1c128dc1ffbd654f13bf3575d6938e74230b
		2 ²⁷	134,217,728	300.909230069	432.530509419	217.949066496	122.295258838	b402aa8d9bb41761dfa61aac36cbc0451b98eccf8cf3a72702ba0ae877f3000
		2 ²⁸	268,435,456	601.925080628	866.791263968	435.677960647	244.605165303	4adff1670ad118fef66702e4937adb0c0304836c6d7964ec581b3484c0afe51
		2 ²⁹	536,870,912	1,203.815732794	1,734.335355402	870.852871338	489.229330611	bf790a92962489a303dae608a40cd1537391f3d7dc700f22984378aa1a74365a
		2 ³⁰	1,073,741,824	2,407.408719617	3,463.649835238	1,742.366854347	978.328688683	0996df005fb4fa7e2ed3c19fa9af7731f63b5424ed0144bac576b02a6df48a7b
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹¹	2,048	—	0	0.000000000	0.000000000	0.000000000	0.000000000	02f56b6b87c8057ca8957b9f4f384e76fb5d7c560b3f7c4749d8f0e5f62b46bf
		2 ⁰	1	0.000009124	0.000010656	0.000007709	0.000004807	7de820dcb3945bb31464ae079cd9a5de217680cdeeeaf9ba7aaf4748491c0fca
		2 ¹	2	0.000013960	0.000017821	0.000011354	0.000006335	37bf6c9791d0213aaae87b86a809838e708c1a83c9fa630a2bac1e44fca6af8b
		2 ²	4	0.000026192	0.000033819	0.000021108	0.000009141	ef17b3cdc07c1c89bdfd9a7582d808e0facc18ff8768c7c34c94aee568624d1d
		2 ³	8	0.000042396	0.000058157	0.000034476	0.000014327	e318a69ed35f873e63060fbbbbee88ea18b5fa36c709951bdae16d3930fc8bd8
		2 ⁴	16	0.000079351	0.000110542	0.000062441	0.000023798	97693646c28468e7a662a32b4293302a761cd7f13c37e31b09e2e8486bf83622
		2 ⁵	32	0.000154529	0.000209626	0.000115500	0.000041454	cb81318f63d2909205ddffbd4aa480a8c39d50ee0a0027b9fb3605ef8882f745
		2 ⁶	64	0.000291242	0.000384463	0.000215016	0.000074571	2d378374ed030fbe39a49a5340d79b1b713d9a34dbbc2bf78b226e505bcded99
		2 ⁷	128	0.000582711	0.000777850	0.000413800	0.000137988	64f7ffb660981818985979b1f33779dedbacde16c5217b3af5fba5cd393e216f
		2 ⁸	256	0.001149566	0.001558426	0.000817196	0.000268713	045990cd44f1dc6079f9208fcc38bfcced61d78540c71157fefec95b8fabe6c3
		2 ⁹	512	0.002333857	0.003177154	0.001637612	0.000525120	f7615435444888ec527996dcacad126436570cf025df10b7fd100fa6e12d9daa
		2 ¹⁰	1,024	0.004628384	0.006546433	0.003236686	0.001051640	97e5d05e22423584d24a83b90f85670fae7c947c89dc535ffe3f831c270ee060
		2 ¹¹	2,048	0.009230200	0.013710872	0.006454011	0.002091025	d9bf7b48a00f302b97100af065a0599a2d5ad1e414d102f0aa6767bf3fd46cdb
		2 ¹²	4,096	0.018506965	0.028956402	0.012911646	0.004202117	0fe2644668336f656e0de6b169974a9f32f2b778c6fd5de80c14b8c99edf6552
		2 ¹³	8,192	0.037021360	0.059623778	0.025803055	0.008485274	b8b63b1ae391037fb2d0051fb6d6f5712537a90262a390755dcf157dbbce5aa5
		2 ¹⁴	16,384	0.073925982	0.121958174	0.051510953	0.016945053	93e4256d8ed57601ee1d4dd9bae63917b315ab48cc92aa903287f099c55b6f37
		2 ¹⁵	32,768	0.147592008	0.244767839	0.102743545	0.033922181	6fbe92cd18608a1f7fff8d694a0446862b287d4af09ba555cd93db2723be77cb
		2 ¹⁶	65,536	0.295215231	0.490827514	0.205836998	0.068494131	6442bfd44f333ab6c09563e8430be466b6b07cae80a60267fe4cbd525a6a0c16
		2 ¹⁷	131,072	0.589729786	0.982847486	0.411274077	0.136565300	b3c6020a71b4c592aa57446703f9ffc558b0b87fe24dbc6f02f861e9949aa5ed
		2 ¹⁸	262,144	1.178424905	1.965377557	0.821444084	0.273251807	e454b3974abae6e27e4f212e32673641bf5ae15c5cd1085e96b9f3ce3b37987d
		2 ¹⁹	524,288	2.358361414	3.932685111	1.643550803	0.546116174	709387afb3efbda79d9d4409c917d8bba46279b1435f6647fcdcb5cc0206b12
		2 ²⁰	1,048,576	4.716752091	7.867527441	3.286892549	1.098309002	2697eaf58258c25acfe6adf5fb16cec0fadd1e5d0d0848e3b7dc3d26f1bae596
		2 ²¹	2,097,152	9.431989218	15.739538293	6.578098680	2.190856363	4dbc28ecd7d90f99731a0e1c238862439a13b297183e15b73ec749b385e2ec24
		2 ²²	4,194,304	18.837451516	31.474048015	13.153993740	4.375066407	a3d30b21074aa3893c1ff44e08f63891ed0319344bf776d3ab2d1b4a3cbcc0f4
		2 ²³	8,388,608	37.653041508	62.944583704	26.301666299	8.756587046	59350b0f8fa99ae9f38081665f2bfdd83a3110013de26720f214bce7d0391747
		2 ²⁴	16,777,216	75.344492304	125.883906016	52.602535501	17.507345888	61889795cc1910e98644ce846ff47334d5dd63b9bf511fee01347baebd25b403
		2 ²⁵	33,554,432	150.708213065	251.772788735	105.213773500	35.006719267	15322062c723d7dbaa61f371d5027d1322d2defa7b8e7aa223cb5ffe8fd467
		2 ²⁶	67,108,864	301.519460127	503.529019241	210.436601817	70.010252491	98e28057e06cca22d177bc8b368574ec64d4780689d24f792a81c3cd4ad48ac8
		2 ²⁷	134,217,728	602.972012098	1,006.998451776	420.957233412	140.002194067	644b24ca0a6faf7e428554b13e3184b9266b836502eeca519940c1e8695ec783
		2 ²⁸	268,435,456	1,206.182924995	2,014.062111033	842.242176215	279.964785878	ba89c7e73941dc440e46921ef59d01a6760e3561802c58fa9600c06478bae9da
		2 ²⁹	536,870,912	2,412.119035579	4,028.015416130	1,684.360345544	559.872351441	1065ab71b3e33d3f2dec726d6a4b0b8e4d287c058fd49040bae8072ac47925f4
		2 ³⁰	1,073,741,824	4,824.537471292	8,055.926724635	3,368.536657689	1,119.803487496	d7226fd33cee065769ab389d28e6c9c460837b742d2cc68a87b15db4cc0a02605
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹²	4,096	—	0	0.000000000	0.000000000	0.000000000	0.000000000	4fbc2244e8fabe1e0ab527aca737aa55caae766bde5d4e234fb03a48d3a6f8d8
		2 ⁰	1	0.000015528	0.000021148	0.000013807	0.000004683	d2b9479ef22cdadaffa687928c0f9812860049a0e5198e9d5b06994579d8080c
		2 ¹	2	0.000028227	0.000039980	0.000024623	0.000006613	df570e47b013c8eee4cd33c16e3b859cf6afcea245f580bf98e3f669872910a9
		2 ²	4	0.000047115	0.000066513	0.000041101	0.000009964	9537ea931b7c4b90e1a064d3963fd4290bfc4c3af8f9338e17b09b4a057f1365
		2 ³	8	0.000088226	0.000129450	0.000073645	0.000016018	7c4018439edaaa250563abbd98216bf197d42a664b34a89943ab929d381472f7
		2 ⁴	16	0.000168319	0.000243443	0.000139016	0.000026964	49e0690ffe74302d42d4d056b4a184f2f4764b785eb1ca3daf8b4eba0bb1eed5
		2 ⁵	32	0.000307511	0.000430907	0.000235676	0.000047344	3dae26393df309a87c0962224df60501028440959bfe663c4461b1c2fb00fee5
		2 ⁶	64	0.000613444	0.000832943	0.000469903	0.000086655	9e9015348fa47f203192b498e8639affa3f72c2104cf245cfc6203296114b803
		2 ⁷	128	0.001229869	0.001661980	0.000928036	0.000163639	03bc0df2ee81d40b874356c56635b4c70c95c6dd3dfd6f3c8c4efdb42d1bf72
		2 ⁸	256	0.002369562	0.003280733	0.001770134	0.000313858	7a73708c04cc4ad36e073142bb7d127d9bd4036c79f07d694287c4abc743c343
		2 ⁹	512	0.004788667	0.006836519	0.003551342	0.000612345	828fbe6b9cb5e1926e10b508bcfb5495d7cb22ced7317284ebbe74602564109e
		2 ¹⁰	1,024	0.009448286	0.014269960	0.007018228	0.001212771	f04fb9a744bc71511068b183cecc919d6648f02c72139c3b2452d5ee14b9221
		2 ¹¹	2,048	0.018671721	0.030976129	0.013834555	0.002415650	fab97d50596740cc910d917b2a31d0e4d4e74b4be103c2734b7f359ff914019f
		2 ¹²	4,096	0.037664682	0.069562149	0.027811813	0.004831139	c0ccae6b99bf9b35fa8e65793faf7941f49a76b804676196aaa1f8f23c7cfb0f
		2 ¹³	8,192	0.075738506	0.154543193	0.055913041	0.009735141	52bb563b343594c9f8ae5c68af17d4b9e7ee9b0d7a0fd28120c82d878bf6c89d
		2 ¹⁴	16,384	0.150784742	0.326063882	0.111056416	0.019729441	8b8f75fe36482eeb7556f0e0c72601bb560435d9efc9eefca37da11fc1fa56d4
		2 ¹⁵	32,768	0.301222770	0.670758751	0.221801177	0.039686043	0c2bfc0b41a4e422ded31833c9c112e58c84da6b23585ed4e897ef22bfc3fd68
		2 ¹⁶	65,536	0.604702256	1.361446977	0.444727160	0.079381778	bf35d7b4077ba59950b1db25542c231810b6a39ccda80c31dfa51a30d2082c71
		2 ¹⁷	131,072	1.211821250	2.745952712	0.891188603	0.159752183	5696a202b7b1a8b370cf507347307b4a25ee9e28bf6cbe326ee86d273a1eb5ff
		2 ¹⁸	262,144	2.422381916	5.510589015	1.781802155	0.319666683	79e7a8664943e33ea70e54fc8d5f3776ec13839d71395678e89be5ea8464e740
		2 ¹⁹	524,288	4.846753251	11.054932529	3.566163004	0.641120737	c1d3097c2bcef830017519c0a6a1c3a9e01200f1c62434eacd30fdd3c165db08
		2 ²⁰	1,048,576	9.685592913	22.102562602	7.125119869	1.281356911	d9f8128d2cfe4f60fb830a52e615553895df01485e2eb51b44f07b255ffc502a
		2 ²¹	2,097,152	19.376272153	44.240225683	14.257577532	2.559128757	5a2d199fad386ade4e9b1bf8369c4ba586fe572b4f77a6db16c069b0a5beee86
		2 ²²	4,194,304	38.750397888	88.505383464	28.515023629	5.117657196	5154c97d88af42af404c0c5715a6c3bdf7da36a12fab631b78485f274e8b35d6
		2 ²³	8,388,608	77.491569830	176.999028143	57.018943796	10.234203054	dea3933fe9585b89723d441f785c3a0cbf10f78b84a11f97ce159b4db9c74ac0
		2 ²⁴	16,777,216	154.987692989	353.968938390	114.025314058	20.477581411	d588f7b711f164509a566ea7268200848a9081654904175c099cdd0d5db368be
		2 ²⁵	33,554,432	309.976487637	707.946844387	228.054420823	40.952018726	18fbb49f29ed1b0041a14cec69f3b7428765f0d90008ddf8fd1b2d209d43e9e7
		2 ²⁶	67,108,864	619.973461789	1,415.847575981	456.099343758	81.885486199	7548c75df08728b98d479c00f9558de385a28c97a1ef1dfda62ddb03c82035f2
		2 ²⁷	134,217,728	1,240.019865859	2,831.584201247	912.370232441	163.722280984	cd8ea072b8465b616d79efafd94e7dcd705af3d08d0cfc237b51e8e8df7d4e4b
		2 ²⁸	268,435,456	2,480.115520389	5,663.173403831	1,825.192025536	327.424361079	54338edcbb863df2eb15789aff8f82c19f89bcc232c2f8c35fc0a56795235626
		2 ²⁹	536,870,912	4,960.136884209	11,326.400847932	3,650.707841258	654.842831507	8c81f69a50ac3bf53e3902065988e3011ccc4bb46e58078ef0944dc5a5e24c8a
		2 ³⁰	1,073,741,824	9,920.273768418	22,652.801695864	7,301.415682516	1,309.477065803	53ea8917eee1f39d048cb083ce2134544b97c67cd37eeda936b0936fde489ebe
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹³	8,192	—	0	0.000000000	0.000000000	0.000000000	0.000000000	5c0141a354a0466f7eec5ac4c70997c1d2cc18b1935877d9a303e2559dec147b
		2 ⁰	1	0.000031152	0.000036555	0.000028996	0.000005005	6a8bb1eaca56a8cc67e6c761df7bdf3b9584d0a3939e3c5cefffb975860a79d0d
		2 ¹	2	0.000045170	0.000057489	0.000040172	0.000007811	93c6add8604866948a74e69ca3e0cda5ec46e12a3998c281650e71446959ce14
		2 ²	4	0.000102134	0.000135872	0.000086765	0.000012106	d212c367761d6c36cbd939fb49fd61a1ff466c5f9b670744360ae6b19d85c73e
		2 ³	8	0.000157535	0.000221678	0.000131717	0.000019621	e9c3f1983a622f7091fe5b8cca453fa9d9875a03202adf5338c15938cb0b7919
		2 ⁴	16	0.000303251	0.000425265	0.000245446	0.000033355	97fd4d75ec819727f7b1d54b277bd4e214c254fc5359bceb805c52c1045fd28c
		2 ⁵	32	0.000693019	0.000938641	0.000570414	0.000059796	5246730fa80015e4e8666a1dbb8f2c763aeed5a52fa7c71b7b955778cc1d7643
		2 ⁶	64	0.001335580	0.001829605	0.001107770	0.000107392	a6264e8b7c95a9e6edfb00d0e6415a212a1613c99e386dcddf13a940208e7a18
		2 ⁷	128	0.002506232	0.003550389	0.002026013	0.000199612	bf30e189a45f659b1781c3de4b7640a5bf23ad7eade40cfb3dbb9f8fa992ee3f
		2 ⁸	256	0.005016995	0.007106541	0.004005858	0.000377347	ceb1ee561df557c11e67513ea38847f4f846b2a68ee76a7e406daac2ad993adc
		2 ⁹	512	0.009747871	0.014034658	0.007771075	0.000730839	0bab8c4bf10e49009e85434b3c9a403384074ff2f7ed4ff1baf4fafa0c2de83c
		2 ¹⁰	1,024	0.019320319	0.028878289	0.015343669	0.001428500	cc8a721e499039c2b86dd0936ece858a7251ef1ce70eba535236597fc984df94
		2 ¹¹	2,048	0.039095552	0.062559319	0.031067519	0.002829252	6b806f7924f33b9ee441aafc142ae888278028d37186a13c20bc6f011dda57d
		2 ¹²	4,096	0.077579208	0.139790941	0.061606982	0.005665433	bb84861572168b8f2f7d11610cb7299fee479803fb8b9101ff634a7f80dff825
		2 ¹³	8,192	0.155766320	0.319458973	0.123431417	0.011430552	6ce13d0249c6f857326d795757498dc2852094e21c0b87f5c2b348a3fe56425e
		2 ¹⁴	16,384	0.312557148	0.710352222	0.247889972	0.023298651	f2783ef5267f2f58b09f12f27ed6cd4992b0950f2f78b3cb21553d1892e34429
		2 ¹⁵	32,768	0.623253324	1.513186267	0.494133136	0.047526631	642f3c9c5bb8a28cb21ba93c115dc059476eafaf7e65cd2698f162a578a4077f
		2 ¹⁶	65,536	1.249262850	3.125654931	0.991213570	0.096004703	8353f8a19325896b8843dc5d6f736f8ba644c56b04bfbf491d769679f804f557
		2 ¹⁷	131,072	2.497437199	6.348472724	1.981015549	0.192394687	a1a9332ec7adccf8478fe299c2d8692b0f568fc8bd4e24275193e1fe0bd38398
		2 ¹⁸	262,144	4.993489121	12.793791961	3.960700156	0.387201786	acc0e64e99bd2ed151236371eb4264c18ff7e43711f19a0a2237222c4d3c6c1f
		2 ¹⁹	524,288	9.995511868	25.696592316	7.928408425	0.774272909	b49ec11b93e325d3b54df01fbb6b09df0551d309e0cdd56dc7e07c685e9f40d9
		2 ²⁰	1,048,576	19.976817693	51.481115179	15.840628317	1.551668785	3409867772c082af9ce1b836bef3f41a539e4ee214e180516078dac087e2e919
		2 ²¹	2,097,152	39.962607427	103.038790460	31.681306574	3.105949695	8c50f01a99adc050b19aa421cae69d0912c1ee4914b3992dbea472fb0efafa99
		2 ²²	4,194,304	79.926677323	206.140575644	63.349460715	6.220679632	9c53c0330a5277056fcd9a1450c41819e4c07ff5806f615f1c1ff9cc848aaca5
		2 ²³	8,388,608	159.865438946	412.298981893	126.709357144	12.461476400	2893540d1fad899558eb4223b7c9fb65136a16cdf0645730aa1535f8835c6e02
		2 ²⁴	16,777,216	319.643311382	824.693181653	253.367322529	24.930249069	ecae4ad6b8716ac1fe07c9dbe7dd5691bce5e26a7b51ce3865d8689661822cd9
		2 ²⁵	33,554,432	639.294048079	1,649.547255662	506.665438173	49.853419401	901ebb4a2560c074060905abfa06ef0e8951e4f4348af36a4564a6e61f1b3cad
		2 ²⁶	67,108,864	1,278.487505599	3,299.279077199	1,013.362276232	99.730561488	1faf923ee49d91390e0a6704e5ae5e5f2b1e72963d4d8a1c62a4b65c877feddc
		2 ²⁷	134,217,728	2,556.479177601	6,598.744581307	2,026.769449158	199.376246332	6457f97b42101e13914440ce2783ffbf920bf7fd58e7b4d489ce454db2573342
		2 ²⁸	268,435,456	5,112.855306823	13,197.535486261	4,053.340134023	398.668973264	be7f7b41d8449cfb97b2290040ef7fae5c56c7d2d72901fc303560a2bdc9d71f
		2 ²⁹	536,870,912	10,225.710613646	26,395.070972522	8,106.680268046	797.424100293	533dbab7a2eb0309d119789e99c7b50eaa8ab27c1fd600733f29786b3a4deb81
		2 ³⁰	1,073,741,824	20,451.421227292	52,790.141945044	16,213.360536092	1,594.646087871	76707f89758dee74ac53c30ec04486f2fa1a407ad0a0ecfed7f53960e35114e9
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁴	16,384	—	0	0.000000000	0.000000000	0.000000000	0.000000000	f26ba06723ee54afc539f6384f367582f1e577d0bd04fdad1ac1e008c3de385e
		2 ⁰	1	0.000020719	0.000036813	0.000014536	0.000005543	15283b6172bdd529cb9618b50483ff1bfd8596edeb20672e40ba4685135623f5
		2 ¹	2	0.000048079	0.000089319	0.000034866	0.000008353	497e660986ccf82d707091ddef44785846202ff37854286809f8b00d4d10eec1
		2 ²	4	0.000142599	0.000219260	0.000118532	0.000013437	35c74bb298bd2f5fe4a6ecb8d5f12315e34628c405bb10f08e92480a57dcf627
		2 ³	8	0.000278513	0.000405244	0.000236595	0.000022921	6d15254c08575b66f34acc8bd859775f579121228835a0dae051bf4d28a14605
		2 ⁴	16	0.000597866	0.000856531	0.000504979	0.000039615	5d407caa89dfbd815738691d0b3495808512cc8d80307ddee74282ff5d75fc1d
		2 ⁵	32	0.001232759	0.001781311	0.001032181	0.000070822	e78c0ae0221337afa73407ddf5f1958fb83ac037fa73db748e6f232aa5d889cf
		2 ⁶	64	0.002518593	0.003609340	0.002111962	0.000129307	4af6681244833b3fb3f06daa9406d1c10b6d1a6eb24976e4138562089d23e147
		2 ⁷	128	0.005020075	0.007190976	0.004220430	0.000240088	3bce9af908d5f014bd4eb300dedddc982592188e0a8afc1f1019abd8e717a4cb
		2 ⁸	256	0.009818492	0.014354015	0.008235821	0.000453515	7ae2167aa7ba9e53402d1591493de127953952db661ef1a471fe168cd7317a90
		2 ⁹	512	0.019595446	0.029107198	0.016530300	0.000869624	3aefa4c6b1e74cd803aea35334c0298dbd97f0d195f6f0e11d34793bfff7f56d
		2 ¹⁰	1,024	0.039233866	0.059798348	0.032987595	0.001708074	fba173206d67d241d63375944d86d0060789db655d5667de09b8aca6635e4581
		2 ¹¹	2,048	0.078993759	0.127701968	0.066303266	0.003375444	c37510618c4d0ca33ef453938fb5c082edc1217d8a3bbce4115d018b44683448
		2 ¹²	4,096	0.159551833	0.284899843	0.133989867	0.006787025	914a0d338a0a62692aca3641b21efba6c32e9f0ab1c1e66bddf13898cff5b32d
		2 ¹³	8,192	0.317042438	0.668822055	0.265900513	0.013618314	2b3221a25176a96b7c7249d79182f9386cbfffc194e9c31b6206ebe13f1b80237
		2 ¹⁴	16,384	0.631804237	1.659644854	0.528325262	0.027780065	c8116d6c743eb3e899374eed4ab253ee4840d2ee5e35ac73914e25c06527d5cf
		2 ¹⁵	32,768	1.264980118	4.061683705	1.058434484	0.056774668	dcde01ad49d7f42283c02e48cb2387bc78ed367c7b5cb6c15b1992cf6fee1844
		2 ¹⁶	65,536	2.536006641	9.279236725	2.122998173	0.115319841	f99affb355244d75f91689359ca891c0de3ce858185a03ea3200f7a0b382fccf
		2 ¹⁷	131,072	5.072033426	19.869236481	4.244498373	0.233084009	c21bb7bb38702653cfcad2902b725460c504d9dad039e6856732c4247d172ff4
		2 ¹⁸	262,144	10.142763988	41.045731023	8.489302604	0.467558502	35c7171f5861a4940c72abf604f8b8a55c1cbb510320f95795148c24539533f7
		2 ¹⁹	524,288	20.288092797	83.383915055	16.985289268	0.938054819	c46197fe51257b39949385b41ddb583ea1c852cfddc3d5ece065f18556d2a1a8
		2 ²⁰	1,048,576	40.532508988	167.969662805	33.934656175	1.877563181	e6f82418ecd4c0ab44fd2aa106b8cafdbabd518cd0b368bc7b6da4f73c9faaf1b
		2 ²¹	2,097,152	81.085918553	337.121411101	67.881652906	3.761774807	1632f137c96a7b16d9ce00ec231b13a08b28b911373c23865df4fe01ca99a1c6
		2 ²²	4,194,304	162.160262748	675.424011951	135.750189484	7.548138982	9deb93c041adac816ceb0721ae3914f7d6e14863e4807e0e2e957c6773b198bd
		2 ²³	8,388,608	324.330007098	1,351.830009767	271.493642105	15.119928574	d52b0f46c3d16c23f883385638ba1880027b4643e832892994223a840a69f1c1
		2 ²⁴	16,777,216	648.724259059	2,705.419160439	543.073919875	30.248811891	5261753cc3aa2a488585b9ccc382588ec9a7ec187cb79de8522e1330d6ff0220
		2 ²⁵	33,554,432	1,297.513957691	5,411.876747044	1,086.112487920	60.548082548	04a3e1118a48679f9bf88e129e733a76faa6278e6dc38c49245dbb235ebd7168
		2 ²⁶	67,108,864	2,595.816382281	10,824.456144039	2,172.277860627	121.122595403	7cdf1010790e5dcedf05812bfb9adf869c45243e18a5a783c620b590b3623ef
		2 ²⁷	134,217,728	5,191.561459718	21,648.912288078	4,344.497597016	242.284105457	30ff48c94ae3fa0f5ea8e98e7177fec9b4cf239402a3d1e08388320170b185a7
		2 ²⁸	268,435,456	10,383.122919436	43,297.824576156	8,688.995194032	484.523566307	87ec4a30274fdda5f916f99d3cd9f15f4406fcc639734adbcb202006ee89519f
		2 ²⁹	536,870,912	20,766.245838872	86,595.649152312	17,377.990388064	969.166289343	12670d64b92db8817e8fc220776c374093aad8e24868fde006ca9628ac57593a
		2 ³⁰	1,073,741,824	41,532.491677744	173,191.298304624	34,755.980776128	1,938.098767016	be431f2a69eae5efae36b3095a85e0121534385b182dc98fe4f8aa2fe3ad2a
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁵	32,768	—	0	0.000000000	0.000000000	0.000000000	0.000000000	44bfe8f7203f699eafed227763f3a3e48fe192898aa1ba1c2c83ca9ee5894e48
		2 ⁰	1	0.000096164	0.000153779	0.000080474	0.000005839	967e74be41228f604df85ef40afa927570b30df61375199ffdf0a52e432f90c5
		2 ¹	2	0.000179436	0.000295211	0.000145981	0.000009129	4a4bcb214bfe0c964d6869ee3a63282286dfe8092ccf9a847bf98dd2e4b51af2
		2 ²	4	0.000341408	0.000519413	0.000286769	0.000014994	09e74b01e3d1e6f0d69109bd4cef6ccf4c7b2c5ac4beb1ea11b5b2132dfcec6f
		2 ³	8	0.000711496	0.001000803	0.000614274	0.000025310	6bb268ebf5131ba2d2673115e957dfe822c7c9900358b8e0903b69caa885e069
		2 ⁴	16	0.001451661	0.002002045	0.001278283	0.000045655	00e4257749b9bf973ffbd87f20f6872e99c19f50d45695ca3d5f5aa62a51c7f
		2 ⁵	32	0.002567923	0.003682362	0.002208634	0.000082081	4058bc3bf0bba642984a56db6a64bcc68a63a0d6202a498b287db414a3f60660
		2 ⁶	64	0.005303504	0.007505742	0.004635702	0.000152916	fb853f1f992e0ae50f168b4e16cec8dfde31e4faaae2b4a30d23244a4ddadb5
		2 ⁷	128	0.010392990	0.015034637	0.009022275	0.000284258	1f0ce83074a8dd2a95b2434a38f052ddcb051373354421d481a183f27f742e1b
		2 ⁸	256	0.020656015	0.030085838	0.018019169	0.000543560	a2fa22eb2cee710c9276e97c2a27d92b2c16880d17dd56a13c513f18ee6444c4
		2 ⁹	512	0.040851492	0.060667279	0.035403446	0.001054366	56cf2bb2d755a44a1e8f291145adfd9d98c3efe673c97d0f3793f9ef3f568
		2 ¹⁰	1,024	0.080684584	0.123129963	0.069997433	0.002070012	839ec6ccfa968ba0d60c2fe2ba5dae4b47cd786a84c60675ab5329bd9dd67f08
		2 ¹¹	2,048	0.160609027	0.255580605	0.139047493	0.004083751	4079f6a5ca54349f19b2d1e5b1a4e28bc538dd7cf20be2b12483376ada0513c8
		2 ¹²	4,096	0.319301040	0.555222962	0.275589454	0.008163470	680c8aaebea4d33ef96d4de8d25143b1c5069b39a361b7f965de0451ff8b11c4
		2 ¹³	8,192	0.638338323	1.289381205	0.550034636	0.016292355	74bd2a791c103f92b5a7d77855660ecd86ad49c3cd11e636d890f6bdefed8909
		2 ¹⁴	16,384	1.280198417	3.262798835	1.102727565	0.032862049	8f16ab8dcb2faa8b3d09963216c9285347c4d70b62abd26ccbd458d4d4f82bc9
		2 ¹⁵	32,768	2.556823185	8.686544728	2.201944847	0.066627121	bff70be1830bc2c016da7394ba097eeec97bb1a1490a9b34d8bd4289846c7783
		2 ¹⁶	65,536	5.106678432	22.742949048	4.397397527	0.136385535	cfb14410c334aff24ca6944546b4643770fa4c00c900fd9d74ec420ac85e10ca
		2 ¹⁷	131,072	10.210625599	54.536065421	8.787901657	0.277795706	b2691238c1647f781eae806e6380287a769b74358a3d080463ad6a9bc2231c42
		2 ¹⁸	262,144	20.422884632	119.241566438	17.578175039	0.564060169	3f9fd9b5cc271e153e3ae477e9f885a24815ec11b43ef9748d468760a7e5957f
		2 ¹⁹	524,288	40.831509216	248.689540862	35.141789857	1.133342516	65e7bf51aeec5bd29c47d6736e81cbf650ab1b00aa56122f30574b1a6d0ab263
		2 ²⁰	1,048,576	81.711700848	507.951682339	70.333096927	2.268271441	3d81873af3188979a870ef01798ceab2be057d41f844e73310c145864735a7ae
		2 ²¹	2,097,152	163.427111235	1,026.332130325	140.672129107	4.537903953	189605577e7a1a244dd5289ef1412c981d5b1fd7918442b1cd4d53352e12dfe9
		2 ²²	4,194,304	326.881621214	2,063.297358141	281.348228939	9.089925606	2e8e889dbf6d204aa04389ec4a6c0de683449ed99f8975124105bacbabb04573
		2 ²³	8,388,608	653.815716638	4,137.584990789	562.730451406	18.200845648	ae42b6b85eb81f6876e4013fac56cdf7e30a5a3f44c9c293efb1773e3ee0ad9c
		2 ²⁴	16,777,216	1,307.621471614	8,286.012188564	1,125.405728906	36.468692639	56627216b652ef3a0b464c1e7dc83415e3911df699467f927b2e8f52a04e55b3
		2 ²⁵	33,554,432	2,615.504993352	16,572.024377128	2,250.919615700	72.971256100	1b325d6eaea6ea94ebd7adbdc83e43ef8e55e1ba85ccb0f1700f026ed99a2c6
		2 ²⁶	67,108,864	5,231.574714280	33,144.048754256	4,501.988409750	146.129606089	08c1180cfdeebe8f507c6b8dab3547ad1654144671509dce68ced729c88d423f
		2 ²⁷	134,217,728	10,463.149428560	66,288.097508512	9,003.976819500	292.381550764	c7f67605482f5fd4f25e33d020111c5ffaef164ddf06cbd1fca06d9da0baf3a1
		2 ²⁸	268,435,456	20,926.298857120	132,576.195017024	18,007.953639000	584.821565178	4ac1949cc437982d513e3f4bf0fa80363e77ebbb6417829caf566bd42f5d591d
		2 ²⁹	536,870,912	41,852.597714240	265,152.390034048	36,015.907278000	1,169.865672871	58e570cde40967da52ff81cc0af2ecb0edec248cb9b2f1c3fe341d1b01400a39
		2 ³⁰	1,073,741,824	83,705.195428480	530,304.780068096	72,031.814556000	2,339.556845133	c577a9cc318b1f9069701106f9bc1c5c402234c001636d1898a675fb9a6551a3
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁶	65,536	—	0	0.000000000	0.000000000	0.000000000	0.000000000	f2ab798a7d132ae317ffe76c25b326897c7b5830827336ff5a59bfc08fbce6ce
		2 ⁰	1	0.000240468	0.000314183	0.000228792	0.000006554	d77e337db8d409642b314bfdcfc574e7e1790cecc66da8f5cebbd26d2f0ab6e6
		2 ¹	2	0.000488378	0.000679373	0.000457553	0.000010142	0c125cf6caae28379c3a89bb9579aeb6d8b40937db802fedd81dabf4e3626e7d
		2 ²	4	0.000841493	0.001184134	0.000771732	0.000016349	6f8b68f595ea702e8f19bdd90848a5a3beee3bd6519bf83335ebef4f432f995
		2 ³	8	0.001330653	0.001927383	0.001192013	0.000028352	9645b4ab61cf49b8f0e14aab9ac85e9ff547704cd3df1b17843d8b58f39b489
		2 ⁴	16	0.002652825	0.003925922	0.002351723	0.000050437	53bb60166c4575c26a11716d6b5d72b1535ac1cb8ae40d44c15e58167fef945
		2 ⁵	32	0.005138925	0.007544490	0.004552041	0.000092827	b30578233cb05776e7f5b082f5c2ae92f9114cc352f62a27b80f04b180a33085
		2 ⁶	64	0.009698869	0.014329804	0.008453156	0.000171754	3f070a2802ec3d5ce4e1845b0cce56006b84365d777d4e6e72ddc6f2aa277a47
		2 ⁷	128	0.020418835	0.030056969	0.017981403	0.000323708	ff40aa26debaef30077f1da25206abf4cd3952f4fb4f75db552aec536704a144
		2 ⁸	256	0.040225685	0.060063749	0.035239136	0.000622607	cee06f7425bdc7313547502d5201533f91cb1e11b51c55009a477de1aa60e837
		2 ⁹	512	0.079646850	0.120288792	0.069487961	0.001212432	56ff8248d54ed50d88a195323b4acd3cdec0068a1ab7f71096bc01a0ed7b7407
		2 ¹⁰	1,024	0.158994208	0.243336327	0.139509096	0.002373838	8e905f3d5b8936b7a6293e69b83a195d8c891a83f89eebc6fa0305a00883089a
		2 ¹¹	2,048	0.317224433	0.501874128	0.277482458	0.004702742	ae5ccd57c74b85d6bd7732f06bbe09506978c9e72ff770924ea5d79d300d1633
		2 ¹²	4,096	0.642637006	1.077695829	0.563246063	0.009397566	c37d4386e499814544b2a1ec42bc60c04a7724d3da5d72512e018f56b9483a01
		2 ¹³	8,192	1.290822881	2.424273024	1.130311938	0.018831581	03f0c8d1e0d09c70ca32ae8996c71173d795089285b4981e6c764051b58e4c58
		2 ¹⁴	16,384	2.578513126	5.849105457	2.255830909	0.037652091	21500e29178cc82996d147a50a97573f3a526f7130ec8a3ed9968035041720b0
		2 ¹⁵	32,768	5.153033422	15.342817436	4.506889135	0.076071921	26ebeba427de77a11e2158af6fb975d1208e6f28df96abaa483ad6e73fb2387
		2 ¹⁶	65,536	10.323864396	42.262307355	9.032678690	0.154486687	1ae21e9c0966f4648b1f50a2e206138bc723c63663519cca5c9279b7654acab8
		2 ¹⁷	131,072	20.613017898	113.205837779	18.035889615	0.315900077	e79e219827ec74565c792233118cde114e0bb9c0eddd818a8c1cebfe69adc9ff
		2 ¹⁸	262,144	41.157550246	276.776560131	36.002591700	0.647234737	bfaca31b192316aecc1f59788baad5148b5427228008c1fe3e7ebb1a10806866
		2 ¹⁹	524,288	82.348486362	610.792257083	72.050463053	1.303344247	341f6d60e0e6735399f199c064ff7d3fda02ae0186166916029443fc033f6ac8
		2 ²⁰	1,048,576	164.654734003	1,277.708213325	144.056002747	2.608233383	74045bf2f50a53e652828ea18199def1061b2f12df9a942133c38289b1eee6d
		2 ²¹	2,097,152	329.262640324	2,612.962318238	288.036073060	5.256103478	8a545aca670774c12b4f8fe1837232fc1ca89e656f2334079ed8cc3e7aaec079
		2 ²²	4,194,304	658.564848205	5,284.083334199	576.139511465	10.537362053	3fc13b72750394c7c7f44a14032e37c6ef576978cf0d4106e49062219de92c32
		2 ²³	8,388,608	1,317.093532145	10,627.282721912	1,152.294617533	21.138411100	ae3de87006067631b9b7526131b9dba059b7d312bf57973edf1168f9335b958e
		2 ²⁴	16,777,216	2,634.011298205	21,254.565443824	2,304.492438229	42.244208460	80c28be188cc9a6eae0e39dc93d98f28350c655d3de2ff244d907a51f5c25cd0
		2 ²⁵	33,554,432	5,267.650764177	42,509.130887648	4,608.687579883	84.479463578	41ee7255951c9fc4274eb19759dd6ac82509f92e68c0e9d623425d6631489c87
		2 ²⁶	67,108,864	10,535.301528354	85,018.261775296	9,217.375159766	168.937670057	a3f8de524f4ef64669990d9ea1a2a6c605c67fba89f17f114fa7ff6fafd00a44e
		2 ²⁷	134,217,728	21,070.603056708	170,036.523550592	18,434.750319532	337.736417878	910ab27c57b8b6f4701cb5eea60edea84c4a65b66411bd2c3bfc50dd5f4aa89e
		2 ²⁸	268,435,456	42,141.206113416	340,073.047101184	36,869.500639064	667.516125958	dfbe1dd06f6fe8d650d8e740305e8e6cccab2a035469beb4362ce43aeb85f397
		2 ²⁹	536,870,912	84,282.412226832	680,146.094202368	73,739.001278128	1,258.579414309	5af01ce33d2156242578be2ebd9e9eec4b14fcf8f801b9c0c0bef71003bf7c9c
		2 ³⁰	1,073,741,824	168,564.824453664	1,360,292.188404740	147,478.002556256	2,449.082566597	57678a00ed3ab020c4cfd720bb218e70994db43de7bbcb638079c0fce8a12a60
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁷	131,072	—	0	0.000000000	0.000000000	0.000000000	0.000000000	5c144a6b8e7789006fc255dbf171be3224f48c0b4c68b6884d0f0fa2201117d9
		2 ⁰	1	0.000484871	0.000662427	0.000440226	0.000009364	7dbe2813eea7a0820b39c28efbbf23402dcafd596e0ed17dd4022a355788e5d
		2 ¹	2	0.000727184	0.001109879	0.000656017	0.000014419	4546ef77e5762a7b04e6c89728ff2c289a50054180501dc4125763cf27bba365
		2 ²	4	0.001217600	0.001890805	0.001076575	0.000022673	d5d5a69de362ffc2bb6cdd2f5586847e63b48419c9d1878b17d69e652519d231
		2 ³	8	0.002066338	0.003363236	0.001734006	0.000036039	1534875cc7e2f201ee1a2ec1cf562ad57cfe884a5358e8d04f93f9a1c39a4b33
		2 ⁴	16	0.004176698	0.006478268	0.003516885	0.000063311	ba8ab8829eb98040ceca31854fe80d7802564ecd7daa422055a80d3f6a4d1ac6
		2 ⁵	32	0.009429216	0.014008522	0.008283781	0.000116291	9bcf64aeb7fce8a4cedb1fb63961f112ebfeadcddca4a723f2227512d544f3d0
		2 ⁶	64	0.020135553	0.029330288	0.017908813	0.000213077	e28266844529912b6ba727ab6b6125072b4ef24cfe63015ee633022412dcb826
		2 ⁷	128	0.041421271	0.060901406	0.036722204	0.000400779	195ad738e0a3c6a3c323cd3ff1e403b594ea841c1dfa72c0f895076a441a1f7
		2 ⁸	256	0.082031563	0.121357858	0.072937563	0.000766507	d7948a9880fa1309d82f210b9ff13087036c64018e2b69466c6d03268029391f
		2 ⁹	512	0.160479828	0.239772034	0.143334686	0.001484410	8a5eb62da7e063d2ba87b8fce3709b2a462e95ac061088bcc13f32b98acba3c1
		2 ¹⁰	1,024	0.323045271	0.486538801	0.288471936	0.002890262	86ef320d011ceaf7a30f7277157dd5b23cd5e77780a5514e2e83f4f905ab9a90
		2 ¹¹	2,048	0.640006106	0.983896313	0.569965015	0.005706826	7ecfa3deea7207d27db42207d4435a07a30fa20b895a93077cf92d81d184f006
		2 ¹²	4,096	1.282224442	2.047642573	1.142506124	0.011285523	1ce6df7260db3901b2f5abac880e96adc369c24aabdc2d3194d8ed63cbc40994
		2 ¹³	8,192	2.578860288	4.388972472	2.301085540	0.022453793	6b5b01dc4d45dcc0af2218f4b50630674033ea1258c09d4946695a0a8c79e2a4
		2 ¹⁴	16,384	5.171408532	9.899028939	4.615966728	0.044890723	868a901c33816d612020593fc7ca2b7a30dcc8d6870d072979db90e6d5e0cf95
		2 ¹⁵	32,768	10.345415765	24.020827378	9.231167308	0.089982738	793e964fff9b4f0b9db2c92ca8925e996f9d0f7181947ef79f521402d5843e04
		2 ¹⁶	65,536	20.682575048	63.245965461	18.453669220	0.181545092	ce3e58894d9c3691ea46c7d0123a01ef771c49a6ece3a9f1972cb78e31805cc1
		2 ¹⁷	131,072	41.328802303	173.976773221	36.873017352	0.372097380	6c33f1fe6ba7ffa4d7dee941d70c09807d1597d1ac71a28e046df339475592f1
		2 ¹⁸	262,144	82.660681376	467.818619714	73.778326236	0.761211867	d758c4be810de79a6f6cc0faf290b681653cc0842c55fb889860e8711b85f758
		2 ¹⁹	524,288	165.212429733	1,145.089188323	147.483162923	1.618534089	11847d71c6c49bf14e6250a62814e97c903fad155d813bfc2dfd9c21481e6a0
		2 ²⁰	1,048,576	330.345838677	2,415.590007932	294.900295296	3.174131412	ef8d01d5acab30ec31915b720cc3374dded686bebf08e6c28d0a6fa8aecdd07d4
		2 ²¹	2,097,152	660.747814037	4,956.488957636	589.803226824	6.300724765	cf99bc0491e60c85ced3f1b12a2525dd75a2ff9594ce50a50078f262f5609d44
		2 ²²	4,194,304	1,321.920142703	10,041.358343102	1,180.083872380	12.659385003	1f42ec2ebef586adf2bd4eb1bc31f65f408f254574fa54212001e47b43ec533f
		2 ²³	8,388,608	2,644.158930137	20,082.716686204	2,360.544684174	25.348330336	56dc9f656ade587997541b7a26924797cf0441dc0f46512b98e631611b54a1d8
		2 ²⁴	16,777,216	5,288.132894602	40,165.433372408	4,721.006272426	50.560539575	e592c146f8e618898347d57e06aa60b6fa399a6b0c2344074b5af24afbd3fe5f
		2 ²⁵	33,554,432	10,576.265789204	80,330.866744816	9,442.012544852	100.974076752	d9d26967d7962cc91f1511c8a58c15c26fca335869b8acdee391a4bdc609fe15
		2 ²⁶	67,108,864	21,152.531578408	160,661.733489632	18,884.025089704	201.929274647	911d8fc4b5952f42bbaa040791942d495c1dcae11dc43077768399fd5d799ead
		2 ²⁷	134,217,728	42,305.063156816	321,323.466979264	37,768.050179408	404.195077003	8e0549fc373608738f5e9d5f6fa13212c2ac76add5a60c68e495a7b8b51bdc8a
		2 ²⁸	268,435,456	84,610.126313632	642,646.933958528	75,536.100358816	808.362408156	c836ae45860bbd36cfca17b6a2eba570d95564068ea56ef876562f3065073edd
		2 ²⁹	536,870,912	169,220.252627264	1,285,293.867917060	151,072.200717632	1,513.001245255	3790c2ff6b3142c724f16372f62db50bc6f4e346283a0175d99c329cbaec67c3
		2 ³⁰	1,073,741,824	338,440.505254528	2,570,587.735834120	302,144.401435264	2,875.189745399	a1e80d86fd96499ac7bdc246aba8e26fb5c03a7df85fa1bba8a990eb3f7dfca
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁸	262,144	—	0	0.000000000	0.000000000	0.000000000	0.000000000	3db24b8fdcd335e4327605ce0d746bd86a5ca77d6d8306523ea0a174e6cde9a0
		2 ⁰	1	0.000423037	0.000803916	0.000390343	0.000013112	d1c27ec3f704e09aed20dc94c2a664f1ea4a5ed15ef7ed27150069b813621387
		2 ¹	2	0.000662089	0.001171017	0.000578334	0.000021919	167ce53f34e3ac737160a719b3da88484252a0c50071d60a1c26012b79186715
		2 ²	4	0.001252335	0.002213905	0.001041923	0.000037699	8b2303b4efd456e8d68d7b00e4e166bd1311cd6d0b673e88af4a6516d5b7afe3
		2 ³	8	0.003675933	0.006086343	0.003250244	0.000067258	daf6bd1fc5ed1f646ee5709d8990ba3c60ce099b50335aa64d6d4e586f778581
		2 ⁴	16	0.009243371	0.014118434	0.008354016	0.000118689	118d9114af4eef083b3ff32beb832f848c7134961106a99d6326eeadf1ed7e57
		2 ⁵	32	0.020665649	0.031606270	0.018522978	0.000215473	2b16ba8ba12fa7c661bfb2e9f4311f5f973b7effac5a97dd9f6a99e846f1009f
		2 ⁶	64	0.042240747	0.065429996	0.037937863	0.000389039	9c8ebcb3f9459969c7fdad06d54270d93031e455c1f69d995f1e3dc9a6295c63
		2 ⁷	128	0.079992265	0.124424898	0.071476462	0.000700519	cc87745820fd409dde9d33b70b228b8eab80c5b2ead14176461019a83aaabe34
		2 ⁸	256	0.162902165	0.250236978	0.146580011	0.001310114	a0968eb81cb5651bddb53c675b111d8465a62b888851b6141204ee1b4499a1d6
		2 ⁹	512	0.323416318	0.495447658	0.290261689	0.002428667	b98f630e339f97cfe75f881834923d83a99a11ad83bb66dbf1bbf9b674d00a67
		2 ¹⁰	1,024	0.654995836	1.001170943	0.587770121	0.004572692	248dcb44b77507f3b977dd54c3c2d99258f18574155571f06540204a741dad20
		2 ¹¹	2,048	1.299342568	2.010153161	1.164608788	0.008711665	adfaf8150c95d83d9436a795e8b70d00593e1295127cb3b29877c5ca29d858ba
		2 ¹²	4,096	2.601414120	4.099099855	2.335077964	0.016656110	fdc821a2129c7204f8137ae60bdbb1ce1078979e5799bd8bfd4f465bde250fec
		2 ¹³	8,192	5.201846791	8.540535971	4.666087957	0.032205050	215463234edd8cdf07bec64e3ca6c0438c718b74ec20347b686bac9d1cd77de0
		2 ¹⁴	16,384	10.394346040	18.408807461	9.317711348	0.062946194	49fec6bb8f67c8078fe929d4bd72aa04dc2b8f8e5c5e20f2fd9caec1ef34290b
		2 ¹⁵	32,768	20.758472515	42.070717790	18.604706434	0.124919582	d567027fb08ca24877a00dd473295eaff4f12600581c1b84061204ea1f363b2f
		2 ¹⁶	65,536	41.500622816	104.271598982	37.185688527	0.250910318	173f9dfa80f19549e0a08c11f2d781eda4fbfd4176aef1cf779bcbcae117108
		2 ¹⁷	131,072	82.825108476	279.631359932	74.204659379	0.505258094	183746af3fd2936e55e63c18d9b9d598c4c95cbd96fa70ad8421f561ab0a2260
		2 ¹⁸	262,144	165.766578740	773.037634909	148.538352292	1.030718979	8cc8d03fde812d5e9c77b94a8b4b32db302c4db89bd63bc0f51b948117e8b7fd
		2 ¹⁹	524,288	331.538879265	1,897.096568617	297.072537572	2.121440738	0902e8cd5a4986ec1017b1322c92585ebbc098200104667cc64a383a76b4d2d1
		2 ²⁰	1,048,576	662.877135075	4,474.638366195	593.929734828	4.340244297	bd98e5abf3c39351a6589b2b9f2ab670780f2c7a748314fabe5f152862ca0572
		2 ²¹	2,097,152	1,326.225792349	9,706.423478249	1,188.276863852	8.873731486	467648e2e6bd8e77d0cc9817ea6dfffc4f60000af76f709d7fa9367a39d5724b8
		2 ²²	4,194,304	2,652.823860605	19,412.846956498	2,376.852207028	17.836553047	4f7cd12911ccc289585d4581bfd8dc6e5e1d00ffc6987be261c77f7a1a0b104
		2 ²³	8,388,608	5,305.908435892	38,825.693912996	4,753.776410813	35.509007784	c26a6bd17dcaf6c47b1817ff22f36d61d833d5549d151eb65046b15c76eea575
		2 ²⁴	16,777,216	10,611.816871784	77,651.387825992	9,507.552821626	70.995659915	33ce381f36d401432bb6a690d42efb140d8664b3203ea5563f6f70498f95974
		2 ²⁵	33,554,432	21,223.633743568	155,302.775651984	19,015.105643252	141.764883515	a734c0055819620f447ba65854f87ab866e5ba487f2877c2172a383b54091aac
		2 ²⁶	67,108,864	42,447.267487136	310,605.551303968	38,030.211286504	283.943849350	c39d040b3affeb4e16958efb53450daf3990985ef5b4286a4ddb9e27fb66ec09
		2 ²⁷	134,217,728	84,894.534974272	621,211.102607936	76,060.422573008	567.999894415	aac054b1331b8b4936650f28b195f484856e9db63ffcf6c08cd55d69abd93df2
		2 ²⁸	268,435,456	169,789.069948544	1,242,422.205215870	152,120.845146016	1,095.542584777	7e522ad98b0831473b9e0976fd722df947e9015b27fa7e153bc44b1332d800c3
		2 ²⁹	536,870,912	339,578.139897088	2,484,844.410431740	304,241.690292032	2,056.965262590	eb14bac911a8bf621dc129dd1d95c4463e7bfb47ff3d967745f99c53c7e42f90
		2 ³⁰	1,073,741,824	679,156.279794176	4,969,688.820863480	608,483.380584064	3,978.495853497	2607853094b13ec15107b12118b567e2425001a003abdcc132e690620287286c
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁹	524,288	—	0	0.000000000	0.000000000	0.000000000	0.000000000	b4414e624222830b918582a7eed18302dba5d0cc08e84a014137e01d2a1f8050
		2 ⁰	1	0.001168240	0.001787517	0.000998444	0.000014747	cbc200ea57dbd2ee91383d0ae0f9b5e619070b68d27865689e00a4dfe7d3e703
		2 ¹	2	0.002755323	0.004072961	0.002454336	0.000025681	57da3355010ee5d4480bdc2725d53d9d36dc66834eda4c830724773d3af0af2a
		2 ²	4	0.005000341	0.007585794	0.004479596	0.000045807	d7ac f64c787d1f5eedbeb7f44a0b26c239e776d550ecc2467c22d2842f272dbd
		2 ³	8	0.011462836	0.018933483	0.010298802	0.000087162	370029f67247d581ad505044c8f484aefae5bf6ea5c5eb6f0b0081c5305fe10e
		2 ⁴	16	0.021281859	0.036998174	0.018938352	0.000157533	38695d646e8c37a0874fe3823a921ec6feaa8802b4dc0fe7627702f2a4ca5782
		2 ⁵	32	0.043265262	0.076888440	0.038572842	0.000298696	c6a1fbb7bf55a0e8bf02674a62301cf0cb24f996036f77e8e99f7df259f65ee2
		2 ⁶	64	0.086156104	0.152373895	0.077071487	0.000560077	25ec19b5ba3f9f30caedcbd6d7c f8ac3632c519f7ccd55602e6bebfaf8e8ed8b9
		2 ⁷	128	0.169412071	0.293772079	0.152763997	0.001042185	62be4c3b833943d47cce927f77baf3f403ca8181812a139fa1848dc50e6e224a
		2 ⁸	256	0.323418451	0.576213160	0.289046553	0.001901910	26ecff9cc0f69d8da21b6f3b917c8c13f52f0b71b295a1715e934be3731c0d3
		2 ⁹	512	0.642176456	1.147448129	0.575448996	0.003512571	43ad682683e03187801327dd7476d934ad23b4032cef177a4b15ad28252b5584
		2 ¹⁰	1,024	1.318040442	2.338736236	1.180495264	0.006740125	5caf9e8d19853bff3feb07c141fd7a30bbf4c040e1eca0f67498007160b53ac4
		2 ¹¹	2,048	2.586560721	4.627241442	2.310470340	0.012245426	c8e359053a89c01358ca6be00ce6ab5aae39e47116e86d0f157338ab258a5bd4
		2 ¹²	4,096	5.183875896	9.408233530	4.630724468	0.022849032	a54e060ac4871e2d5a2e3a9f01d9769355230bd15c3cc54d08c517cff9e2f382
		2 ¹³	8,192	10.355805129	19.324536526	9.265206191	0.043765567	5ce83657a5b759dcfac9fd36e1a8fa58e994f76df6e3b23e9e06747c312e12a6
		2 ¹⁴	16,384	20.752578371	40.745161938	18.577079697	0.084956454	18afe44dcb49826d5d8647d1620f32267aa5f8c02f5ff81e3122d1c9133edb2e
		2 ¹⁵	32,768	41.584296777	89.926649938	37.238027878	0.167246960	46bfb5ab64977ca65891298a70a3b49a58a3c2058672bdc307db43f8f0a8b665
		2 ¹⁶	65,536	83.311908182	214.781864979	74.615569304	0.332262419	aeed546d58cce611dff356660fa28d1768d9ee7ad1e9708981b4ad47d407237f
		2 ¹⁷	131,072	166.853204044	571.504425984	149.442111180	0.666809068	1915e5d455b0fd2d60aec59369a920ef244c89be68280b3360fffbdeb44faea6ad
		2 ¹⁸	262,144	333.231163718	1,553.088772598	298.437152784	1.357193099	7697a4adc0c1f7df8853c062cae3dd0c75e869ca91b0983aee458358ae8a5858
		2 ¹⁹	524,288	666.617840758	4,729.241451128	597.069160676	2.800300185	9dfe1a161fa6a88600dab5053e6b2550b4f6cad19debdd6a3b853e95edcc168b
		2 ²⁰	1,048,576	1,332.907708088	14,352.440469115	1,194.116465705	5.861077778	496f14e2524f81e7eae835530a4ff4c50bfde73b96d98b857bb236cc72de3cd6
		2 ²¹	2,097,152	2,663.393011367	28,704.880938230	2,387.995142814	12.023803664	8d57a36e6a70071ccbd3fa7dcbd242e6374fc9a0e5a1cc1873e01eae50ad869e
		2 ²²	4,194,304	5,325.188757993	57,409.761876460	4,776.743435645	24.327208513	cf5c16dbbe1f43945654895155a9d6a09e5f56d3e830b1cd028a0d254ab56e05
		2 ²³	8,388,608	10,650.377515986	114,819.523752920	9,553.486871290	48.795581840	263175f6e5c6b6dbcc5020abf145c4d469b174535af8897b76be43bd16b5b493
		2 ²⁴	16,777,216	21,300.755031972	229,639.047505840	19,106.973742580	97.611333469	6d0dad324d69e645a56f6b67673d79f48a28ed38cdf999d271c0fff77e099f8b
		2 ²⁵	33,554,432	42,601.510063944	459,278.095011680	38,213.947485160	195.051480448	c91fc9da6ec724267f7e4943443b3b6aa5d3685d3cb24c1b89dc1560b22b5862
		2 ²⁶	67,108,864	85,203.020127888	918,556.190023360	76,427.894970320	389.783919195	52450a050bdc28c14b15163e78efce59f204eac8c181f5d49f7da9efc48abb6f
		2 ²⁷	134,217,728	170,406.040255776	1,837,112.380046720	152,855.789940640	778.596685313	52d9159360408a67f5f6cbc5611a450a266117355341a37d97b7195ac7badb3
		2 ²⁸	268,435,456	340,812.080511552	3,674,224.760093440	305,711.579881280	1,556.350594832	a87dea4e1b71f29bf0c98914baa62d8dfa0027952635aa4d3fb97172bfc3925
		2 ²⁹	536,870,912	681,624.161023104	7,348,449.520186880	611,423.159762560	3,001.122450141	aeef855c3521824251737e6bf7c4ed318b5776228cd4dad151478b238e83ac6a
		2 ³⁰	1,073,741,824	1,363,248.322046210	14,696,899.040373800	1,222,846.319525120	5,526.154570785	25ef6a81d5b6e8853096dcc0979cc859f2db1429d066505c831251184b89650d
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁰	1,048,576	—	0	0.000000000	0.000000000	0.000000000	0.000000000	f4951f70a3b81d6f497e10208cfccc0c4a61ed71b660a3eeaa837644f647f8dc
		2 ⁰	1	0.003519285	0.006225400	0.003004465	0.000017095	cbeb12de1b7fdc90a82b2a533ca628ab38b2f65e6574095010093c8ab97366f3
		2 ¹	2	0.005405472	0.010906657	0.004950246	0.000032151	29fe7d8ca5ce35e76dc149deb0d866f8525aa2e148cbade680b4fbe000cb4534
		2 ²	4	0.010443800	0.019641831	0.009947416	0.000064012	bfd94c5b5e550f7d9a0cd911af3e6c882f99cfb3ff4695760d1ac868b9a75c45
		2 ³	8	0.018056775	0.034868586	0.016675787	0.000119327	98304de2d848e7e13e8a1bfe9cb6e8625d4f419693d269acf7906c17e66d83fb
		2 ⁴	16	0.037308229	0.075048946	0.034016639	0.000218357	040857d52682a4ae4bc1755607efa7e87b25cfc6842107657e1720f63af3b21e
		2 ⁵	32	0.081508709	0.154740964	0.073579613	0.000392993	86e96a79753e2cbfee632b753bcb9399c75cd8c7fd233504d2a253466b3c637d
		2 ⁶	64	0.166905553	0.306767119	0.151324339	0.000716125	68b241bc5b620b7643c7c1f49259e842f6916b9f5f332b343b246c096f64bc58
		2 ⁷	128	0.325540009	0.608933325	0.290850810	0.001324421	586b35ca5ede396760add5dd7a783ed31c288ab59e6e6f439a61ff6ecd8ce066
		2 ⁸	256	0.661195478	1.237932229	0.594377186	0.002454814	bcacc59c5e70c517d2bf1b5bd7247c807a455f28db72ff7b1af46872897e3134
		2 ⁹	512	1.332831474	2.485793609	1.200359037	0.004510463	c046f9d006df54d72d02a3f0b9dea1c69be68b72b7394460b8dba7d5ca3c7bed
		2 ¹⁰	1,024	2.621292356	4.932278783	2.350997741	0.008352069	8daf fe685603a39f8eb7bfb17bd3388c4285e9c46853b4efed5f6102250f1b94
		2 ¹¹	2,048	5.232420227	9.937166764	4.686331054	0.015495340	333e2e49a0196567c1bde4d898a8e448508c9959599539eacd6c375dcfe72a6b
		2 ¹²	4,096	10.433172407	20.097366120	9.331280416	0.029068599	91e35c09b11e309909996235ee63643fd53b4df30eb7d150e18598f49d28a538
		2 ¹³	8,192	20.814391264	41.041610395	18.633646803	0.056195587	8241a40a8ce9d4f792a11498a8eb64d40dd5e787fa889cebaa42fb61656e23ae
		2 ¹⁴	16,384	41.780541068	86.446093887	37.401536089	0.109334371	bff39759fdf3ef829683bb2a0e5f6887ecbf3d8b080088eeabad673a1a5cce41c
		2 ¹⁵	32,768	83.624859695	189.761853187	74.919272508	0.215731660	a090cafe70183cdf42924318514345a255a44ed7ab11248ffde064d10e9c4772
		2 ¹⁶	65,536	167.776120227	452.547983780	150.340029201	0.468920620	0d82a68cd00c9f2393ddeb532aeef9079b953770550a8e80b83c94fd7b36aeb
		2 ¹⁷	131,072	335.771385056	1,167.458428779	300.767360679	0.906963021	b17443e451cf72ccd4076cf5f24e842fb2b67367a097e1a2a7fc925dba195cd6
		2 ¹⁸	262,144	669.492390608	3,361.450550982	600.975415071	1.779213394	ee372cc78c17fccc2a2771d028c8f594eef97a997c38e7c9f395d6cf9cf3e1b3
		2 ¹⁹	524,288	1,336.557563853	10,784.114861437	1,201.648341229	3.578073446	b5dc3803eec614d71d69d0bc4e42ed327453077151014cda61a042f0cc7a4c9d
		2 ²⁰	1,048,576	2,670.532681120	21,568.229722874	2,402.309762706	7.402361717	79b9173b2da878dca7a42a6ca2c7595c45c4798284dea207c1e5ea28d96646bd
		2 ²¹	2,097,152	5,337.160943744	43,136.459445748	4,802.827203114	15.357481403	de06007050794ec2568133a4f6c79d85a5ba3388ad02cc69e6581bca947fa6ac
		2 ²²	4,194,304	10,674.321887488	86,272.918891496	9,605.654406228	31.554765612	c267c12b9306d88474cdece80e7889a0b8faf6383dd142d22261f3e9e30f400
		2 ²³	8,388,608	21,348.643774976	172,545.837782992	19,211.308812456	63.912705186	34b63494efe539251aea0a95b2f053aaa0483f35415cd45744856fb35ddfecd1
		2 ²⁴	16,777,216	42,697.287549952	345,091.675565984	38,422.617624912	128.632512221	0837bbd009485b452f7b8f61f25dabceb33fb99e58f1e9c1d8a2f2009fb59100
		2 ²⁵	33,554,432	85,394.575099904	690,183.351131968	76,845.235249824	257.650572374	19fe38a36b664cf516fc3545128f02fe6ddc668d30cf28b77a0c811cf225ad64
		2 ²⁶	67,108,864	170,789.150199808	1,380,366.702263940	153,690.470499648	515.634633245	5327111d59e697949e2e5d696d6c6076da6a8a0d7edf983cebaec4323bda40ca
		2 ²⁷	134,217,728	341,578.300399616	2,760,733.404527880	307,380.940999296	1,031.041477349	6447c92649489875bd95d37198f693406c83aaf24bcd0ab3a081629997557d78
		2 ²⁸	268,435,456	683,156.600799232	5,521,466.809055760	614,761.881998592	2,073.096401423	e48b4e676f76bb862828c10b55ef98bf1cc6a8d0a58b1df32c8c4c939a7d0eb6
		2 ²⁹	536,870,912	1,366,313.201598460	11,042,933.618111500	1,229,523.763997180	3,885.894440510	880bc5eef3dac93fe4f69464447988101bb640e7e81cc7d1032feedd7c864c48
		2 ³⁰	1,073,741,824	2,732,626.403196920	22,085,867.236223000	2,459,047.527994360	7,299.649756234	dbe4e7f86654c01d3de4ae8e80b8059ad5e71a41aba1bc868729b55d2928422c
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²¹	2,097,152	—	0	0.000000000	0.000000000	0.000000000	0.000000000	85de50762800215168711c47163506e7f645047fddc9e9ed73c3ea34091204f4
		2 ⁰	1	0.008334995	0.013916733	0.009925652	0.000021889	938c94a69617134a90ed19111180e3a645b123c0504d88c76d1dd689445a0e10
		2 ¹	2	0.014427190	0.026621421	0.015829860	0.000041408	bc1441c0663ca67df83dde7b2a7410c889ce898ab537da6e68a26437e6c4e704
		2 ²	4	0.022670534	0.040585900	0.023008780	0.000076849	3f492f2e39ee86b0dee5c8178dc9089090dab2cc856b8def799aa00c8729bbbe
		2 ³	8	0.052394294	0.084969579	0.050110695	0.000138865	2ed65a484c4071847b4c4287891388d285aa249ca3fa6fe5eec9989bddbcd66d
		2 ⁴	16	0.101100515	0.166114973	0.093270267	0.000272058	7dd511a9a1311ccd49c75d6705fb686f99c91aa7745ae42e25651c77afa57dc8
		2 ⁵	32	0.191204638	0.330257296	0.173575950	0.000481942	f16e37b7a2945f46c153fe103e649ed42e367aa6f827576d3a2a5c3f92a62487
		2 ⁶	64	0.369104592	0.643455535	0.332347680	0.000893091	8208c1ffa2740cfad0d78b5d239752501c066cd975090f728482602edc6c6bb8
		2 ⁷	128	0.723636220	1.281614282	0.650523190	0.001633758	496d5bd6f3fdd6ff0cdaa04287c9b8d0f9af586727dca35ae3bc92392832aa
		2 ⁸	256	1.369947333	2.494441541	1.222749980	0.003052142	a37ff57f2d3d554b13fc0437fcee8ad1fb0fe4709e460dad9d2b35331a439927
		2 ⁹	512	2.772490895	5.075225525	2.495640884	0.005673835	7cc083c50265a0701020c2d6ac71273211aad5b2f28ca86b4188a9ba47923f80
		2 ¹⁰	1,024	5.544042385	10.179207532	5.002158708	0.010516412	8bb0002df229f8ff964cff14a9198e4fb076d74776f65f8742f8bc259073b58d
		2 ¹¹	2,048	11.075254349	20.413065637	9.953283723	0.019594038	cdbd71ba90a195dcebd0ba1d5a2b40047116bd80f1567eeb9dd7e03c61cba9d4
		2 ¹²	4,096	22.218561710	41.391048350	20.026116173	0.037422398	d545001957906359eb761cf8724d2cdd4d6c8eaa906a9152eb2a144a7e10f5f6
		2 ¹³	8,192	44.372275645	84.251154166	39.999800373	0.091159939	22166cc8bc02b1ff604097bba2533bfc453ee1d7c2755138b5e3546822eec3ad
		2 ¹⁴	16,384	88.611693099	174.503633319	79.965840852	0.163236755	a147fc1c9240076c702d0b165b0689c7b256b9e452090dd5af7ebc88dccf01df
		2 ¹⁵	32,768	176.660138490	371.676920255	159.501378228	0.300046549	4cdc76bae54a99ab6ee580c35aae4d74939fa3c8ac12fa82e1eeca23e9b4d08
		2 ¹⁶	65,536	354.040185452	843.476408510	319.748911361	0.572811606	79b11690efca3ba3060dce57b11de6f99e6a8b46ae7a4d08e6183781bbc8f675
		2 ¹⁷	131,072	708.359424808	2,103.972028854	639.751416610	1.117792748	3fa8c5e7f39ebfa95854179a31be832639bed90990b651fd399473733bf69579
		2 ¹⁸	262,144	1,416.662236183	5,521.531402086	1,278.965114664	2.216835192	84c2425b6445c7e98f5ed910d982827d044ecc2d20ec10358fffb8eef8cd77175
		2 ¹⁹	524,288	2,818.835514894	16,667.623815431	2,557.864015482	4.454394057	59870f52f8bd3c8998c97da63be2fb57585423f6afc439fa87db4fe291f15d19
		2 ²⁰	1,048,576	5,604.469170958	33,335.247630862	5,116.193960501	9.128263643	95e3f1cb56bc5c18db563226625abc7674c426e9c22d9b7db801cb4b372b5db4
		2 ²¹	2,097,152	11,208.938341916	66,670.495261724	10,232.387921002	18.914963562	5a5960e720c3b5d1bfa9f65e92a07808f1d4a7ba17fddb36355956a98227c5b
		2 ²²	4,194,304	22,417.876683832	133,340.990523448	20,464.775842004	39.377447274	2ce4ee2c9969b34ee86f5e6b7cf5bdbfa90148d7467b0cfbe987e3540e757bfd
		2 ²³	8,388,608	44,835.753367664	266,681.981046896	40,929.551684008	81.614307082	a2ee6ffa8647329480aa04440c5c3496ff09ab08c23035d60d150f7623827832
		2 ²⁴	16,777,216	89,671.506735328	533,363.962093792	81,859.103368016	166.505506409	1c507aacebf2f42fd08ed5f7c3082bce899a79122947e1c5eea665be2168f01b
		2 ²⁵	33,554,432	179,343.013470656	1,066,727.924187580	163,718.206736032	335.500598230	27fc51551e07ffcc68564b62225815c3dfcced2df1727b39ff048863e8238e00
		2 ²⁶	67,108,864	358,686.026941312	2,133,455.848375160	327,436.413472064	673.077423086	5d50115ef8fba5012c5b659815fc5c5d841f89f2b113d0169372ae476bbe7bb6
		2 ²⁷	134,217,728	717,372.053882624	4,266,911.696750320	654,872.826944128	1,293.571645188	7e430a7f35b78fb5fdaf6aec9570cdecf7b60fe66fa85b8be89c946fcdaa78dd
		2 ²⁸	268,435,456	1,434,744.107765250	8,533,823.393500640	1,309,745.653888260	2,398.148316993	203fc528b9d30da66bb5ca016c815150de74ad3a861221438ffec248aaf2c191
		2 ²⁹	536,870,912	2,869,488.215530500	17,067,646.787001300	2,619,491.307776520	4,608.159630754	cde3600ee06ff35893531c68f4277e823bf103250108ea2bb1f9b41f54e781b8
		2 ³⁰	1,073,741,824	5,738,976.431061000	34,135,293.574002600	5,238,982.615553040	9,030.752036796	ba16deb5044aca5c3fbda688fbd94662048e900eb324288998c71a03323bb1fc
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²²	4,194,304	—	0	0.000000000	0.000000000	0.000000000	0.000000000	aa7baddf95c361b1c4f66b7f60b27964ba754f7ca16fba289a5b0e76ace58bce
		2 ⁰	1	0.005940731	0.014478099	0.007014466	0.000028178	17939aa7d7f1f4bdae8bdd65e72590bb5cb2344d899b647c7c4de462b6d8a64
		2 ¹	2	0.015969241	0.029916113	0.016118881	0.000048320	94f30d09b26b26e3cff10a93dc5fc17c7443dcb9adef15d03a4fec63f13a5d04
		2 ²	4	0.030307225	0.060752581	0.027259747	0.000090278	3bd216b02aa336ee150e17bd1360903207a89370d3e11a2d864e9897c7c595fd
		2 ³	8	0.071947847	0.133068160	0.068119149	0.000163074	2eb12b2bae2f7b7c19e4692b40383681abca5d3147bd0e2c92897f9e6b6a9a20
		2 ⁴	16	0.156911384	0.281158947	0.144290467	0.000313988	ea15012d01dc848045c04c3e325a18e76e489f42b79950ed73bb36379700a4a1
		2 ⁵	32	0.344788181	0.607645460	0.322658008	0.000585531	1e1c64b1b06c181c3adef32d4aa80dc7bd3f902c420ada4f0dcf47bc4c715642
		2 ⁶	64	0.697115759	1.247248889	0.648958067	0.001045325	908705190428e94443f24ad41aa795ce977bca3604cc075d8ca26ed8ebd6b592
		2 ⁷	128	1.473657583	2.611762232	1.375076558	0.001901310	9f9593a3b2b905943f973fffabe322185670a2ceacb4fe4b9e39900120cd2747
		2 ⁸	256	2.893478498	5.158748614	2.690354405	0.003575683	ca6b0fc71235e71310c9050f5c515f993dbe8613f698033c4d201f6bed48bd63
		2 ⁹	512	5.719917945	10.267881386	5.311484329	0.006516564	928c8d0349ba5b7b319a7cbef7a71fef225afd6b5c069bfe8c000bd96622e8fb
		2 ¹⁰	1,024	11.379394642	20.491477166	10.597636783	0.012052734	320214efe32b69a57b97885f3c5cb07dbeed3a765e868ee1c30fee3fa0e8c483
		2 ¹¹	2,048	22.858317713	41.322060354	21.250682745	0.022627620	e70620b2cc284262620453930349000c402fd1eb9376ea3e7e84bab8b645e087
		2 ¹²	4,096	45.641785024	82.974414900	42.510999407	0.043555968	f3dfa9878da0aa24ebada5328ebe13e14f7c861e9a224be96886a807eb7df59
		2 ¹³	8,192	90.874746459	167.783857347	84.677564744	0.083957541	a0a338b1c7a0c89341e7946d9cb8745bedec28c12196835b5eec41753b7986bf
		2 ¹⁴	16,384	181.577686107	339.184461483	169.174499755	0.163908479	c5153df2db1730f71ab01274ba4c376786490afe84fd218ce8e65544f4e1452
		2 ¹⁵	32,768	362.528024999	685.768070820	337.613082434	0.324473151	80cb36c4f7574c6d1daa438969c2e6e3511b61875090934fa4b2eb7b47b86eba
		2 ¹⁶	65,536	724.488788022	1,452.258784273	675.224842181	0.645219242	59c3bf4ef8e15417ced7ba0617ae557195a389144547212a2f144cd4f55f18ae
		2 ¹⁷	131,072	1,440.670707738	3,296.310964635	1,352.294221246	1.284772135	a6eecedcd3e54b771a19c9c5d92ec749b966569c8770ddc42bc9bfeb787430f
		2 ¹⁸	262,144	2,856.010841414	8,237.355439326	2,701.889169053	2.614925636	d3a4a6816a0b99f9ab90dbab50ceefc94bf0d8ddca91c4ef454cd5e9653d2e96
		2 ¹⁹	524,288	5,687.065968602	16,474.710878652	5,401.121724389	5.193299340	386ce39cbecd8429030d6205784d3152c63f95f887f6c0ad44393b016a503cb1
		2 ²⁰	1,048,576	11,374.131937204	32,949.421757304	10,802.243448778	10.478472232	f13dc27f9c5cc47f2da451ea87a47c9f5a5654a8b023ec3205e6ddb191c31162
		2 ²¹	2,097,152	22,748.263874408	65,898.843514608	21,604.486897556	21.412408355	8ed4321b7b33181b2914a267ecf994e0b247430450bbc23121fd3c82a7e822b3
		2 ²²	4,194,304	45,496.527748816	131,797.687029216	43,208.973795112	44.508654736	4c0b5c1f4ccb6c87d913f9a9e6775c19bbab7dbe1f1084e6d96959ff6045a8f4
		2 ²³	8,388,608	90,993.055497632	263,595.374058432	86,417.947590224	92.761279010	fa3d9c0d9bf0b0916ec1aad08a391d397e7383f37dc280227f469b4e17e10c26
		2 ²⁴	16,777,216	181,986.110995264	527,190.748116864	172,835.895180448	192.766106115	cd5cc140f3b17027ce6d8fe4337eadc15df24abada8e959cb2eb141c5725a5287
		2 ²⁵	33,554,432	363,972.221990528	1,054,381.496233730	345,671.790360896	393.988981132	41681b260d7fee1baf6e4b53470dc92888780f8cb62e07640f67d7db52f4f072
		2 ²⁶	67,108,864	727,944.443981056	2,108,762.992467460	691,343.580721792	785.153826097	70f8e3a0fc617cbd7f3543606871d3e0d61d9cc4d569c7e42b4ebdb19aab06e3
		2 ²⁷	134,217,728	1,455,888.887962110	4,217,525.984934920	1,382,687.161443580	1,450.117416869	50869530d44e5c89a17ec66be67ad099b5ef06cb4dab715410e93c9a7b86ce14
		2 ²⁸	268,435,456	2,911,777.775924220	8,435,051.969869840	2,765,374.322887160	2,774.616885785	d12e06b996c040bfb7352cad49e38835a0d702fa9bf0303e0b3519317def221
		2 ²⁹	536,870,912	5,823,555.551848440	16,870,103.939739700	5,530,748.645774320	5,425.975987063	a0fb3b916f18817a5d4811766fad7f77cc8c998cf9dbcd83f20fca4ec5eb80f2
		2 ³⁰	1,073,741,824	11,647,111.103696900	33,740,207.879479400	11,061,497.291548600	10,729.669103702	c1fdf195fbb1bee9bf05433f3b4df3a8a9dbf6df83cc19252e7123e96bfa4e66
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²³	8,388,608	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ccfc64e7b1984ed4c0f68895a1e4833274ffefc4e8bc63900653eda0eba72526
		2 ⁰	1	0.016186345	0.036439436	0.012830855	0.000029147	a88081f025e295e2a0251b26ed900645b9c80e696210141bdf432019a6ad69ad
		2 ¹	2	0.029790637	0.065782819	0.024010889	0.000054384	5ecab66f1aaec3d2db8cf85f94dd84d4837fbc44814a04102077a368c2976ed2
		2 ²	4	0.098097617	0.181397174	0.092884871	0.000098216	bd43489c949ecc854ec288d745b7d4c0745b3553781544136055df67e93055ad
		2 ³	8	0.186288435	0.332756861	0.180723101	0.000182105	e1429c56191dfab084e763dc327320dccc24029e8adb7352480eb0609599a
		2 ⁴	16	0.349015562	0.634881002	0.329920241	0.000338362	3a97d9d4cdcadda257c4b99d5be4ef622723ced5815de63128980e5229c72ba6
		2 ⁵	32	0.662331735	1.246391506	0.634371676	0.000637381	319a182185a1b51853fea4465ffc296bcda21034d6e4165ed30459646c9b7704
		2 ⁶	64	1.414673437	2.623032598	1.343838334	0.001181762	a1cdc3bd4033276845f07f7b3d44e438e9da7c8e345f411bbd2d59c4e96e434c
		2 ⁷	128	3.006503665	5.465435662	2.830478251	0.002195893	ccb0d143f94f7e0127024c370374f9fe8680248961176cc88f080143ae4fd6d2
		2 ⁸	256	5.857438565	10.728742197	5.542635937	0.004094085	423773806b2478be8a410f3a6a1603228be32d718fe37ae46b1da5c70c53329e
		2 ⁹	512	11.492461972	20.971134185	10.906450445	0.007711391	ed1ede47f759d5460086e190825cc40c72ff367d8d22faea749e9da1e107b1e8
		2 ¹⁰	1,024	23.072218141	42.107289631	21.930418940	0.014393614	c1b79aeb22ad98155c718cc9d18c1218ec8fc0b7a6246a307f684d69a6b178b2
		2 ¹¹	2,048	45.959802884	83.859408375	43.668960216	0.027527437	1b79b9c83f64792334da5ea772b0d996be5084f94b81d0e6f8854be2dea6c616
		2 ¹²	4,096	90.849200964	167.088612602	86.238464035	0.051834724	5c16eff27a6d7e0cb058037e8fc88c96ceb0b41269fa7c3d9a3c0fca45c56c8
		2 ¹³	8,192	181.997707470	337.574156102	172.827349376	0.104096698	4abd34f6d3412cfb9efcc5b2602242251d2cd77604a70b9f6b45666bc489b78e
		2 ¹⁴	16,384	365.338162726	684.927750021	347.038588873	0.200756913	f5f084ab44fbce36ad13ae21265bb6995d1b47094478747322af8b3d479dea1f
		2 ¹⁵	32,768	729.001030350	1,395.402086401	690.979522090	0.391651322	9abb1bb3ed347d310fe3450ab657029c253afb6d3ca6a2160c21c04e8bbae268
		2 ¹⁶	65,536	1,457.832676482	2,849.661326210	1,380.511267049	0.773484707	464318a7547c6954670a17318c8f234cfbbc470c9425f96d0c56c3a145ddef71
		2 ¹⁷	131,072	2,905.105176607	6,000.788730434	2,764.453148231	1.538468881	7005ced48b5a6b7c0a72a699c8683df4d0c1a785ab6d25813e2667b56465c6a1
		2 ¹⁸	262,144	5,754.668026394	13,631.696393722	5,530.938598730	3.109999660	0f7d7ec9958ab9ac0047db372727c2bf8e3b976d968c2f7d195ab478f277aae3
		2 ¹⁹	524,288	11,509.336052788	27,263.392787444	11,061.877197460	6.174460304	dc5066fcd1e7ba00a478e9cdd4e72c93d2d56e5c220f93bdf5379ce7420ca80
		2 ²⁰	1,048,576	23,018.672105576	54,526.785574888	22,123.754394920	12.382432128	5541ac6d0eca5c3cafeece06095fd49de9e16f0ef9e375f891eb3a2f0f85c82
		2 ²¹	2,097,152	46,037.344211152	109,053.571149776	44,247.508789840	24.964177360	a87eda4aabfb134c8fad8eb044e53e7a7e92e8011acdd6d4d070eb880eac1ba2
		2 ²²	4,194,304	92,074.688422304	218,107.142299552	88,495.017579680	50.770715997	7f45a97d57353a5ecc52c9501a002189305debfc9b598ccdf59ce9c0b61c947a
		2 ²³	8,388,608	184,149.376844608	436,214.284599104	176,990.035159360	105.165929715	bff7c58d1679283b71dcbc17514ee6caa0dec449dbff522dba1bdb862dab1ec8
		2 ²⁴	16,777,216	368,298.753689216	872,428.569198208	353,980.070318720	220.368597350	8ca0536767c3f7455019cdfaec88deba14c88fb9e5ce84a06329438aa0d11a0
		2 ²⁵	33,554,432	736,597.507378432	1,744,857.138396420	707,960.140637440	459.118108564	2f1bacd411d40cec6d01346ea09674279cc00c9eb08b30c160f24c6fd749c902
		2 ²⁶	67,108,864	1,473,195.014756860	3,489,714.276792840	1,415,920.281274880	940.790896847	a5291463d1669b90ee0c1e76a091c109efac5ac0dfbc90e64c697f9f83d405d5
		2 ²⁷	134,217,728	2,946,390.029513720	6,979,428.553585680	2,831,840.562549760	1,900.225785397	1cf64ce9e26237c84c6d67dfca42ab043aea1165e6cb307feb58f72190965465
		2 ²⁸	268,435,456	5,892,780.059027440	13,958,857.107171400	5,663,681.125099520	3,498.214605561	c4edcecc0dabfc8e6413771a6d742ca6fcbcd737c8c6e30a18d6baf9427cc94c36
		2 ²⁹	536,870,912	11,785,560.118054900	27,917,714.214342800	11,327,362.250199000	6,684.728665348	649a8751aac28aad10deb16746d6becf6550dde54880481f378e265009b0b9a7
		2 ³⁰	1,073,741,824	23,571,120.236109800	55,835,428.428685600	22,654,724.500398000	13,053.639633763	a8f163f30109e11d88092bd35cb40496083c62907c644501cbd7d37da979f2bb
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁴	16,777,216	—	0	0.000000000	0.000000000	0.000000000	0.000000000	848bb86acf7b7aa99a77c35185d03e025fa797bbb019e403f4a7758be9027854a
		2 ⁰	1	0.017839892	0.046233558	0.015283059	0.000033833	e4c7d0c34c2d40496e5a533af30cff7b6560a7bfc5f27476593eee8dad8a3ce4
		2 ¹	2	0.049019282	0.117227020	0.044256076	0.000062330	f24b3c7fb1bb65c8d2199b08b748ad0f45840ff4cf390a48c27c3f2e598a9cd94
		2 ²	4	0.116760850	0.253639379	0.106434663	0.000109530	7366c01c97e1701568f1ad9dcfad6aa91ba509a8ed9f08a300aab1607387278d
		2 ³	8	0.326849460	0.607438007	0.323772637	0.000210394	cefbbbe3fa1db9bcc95170514ea71fbc650af7b3797dac93549d2f747be1edc4
		2 ⁴	16	0.677525195	1.234511188	0.657251028	0.000394170	0544c7870188a5837f559bbfe2267570a80b135c8bc544b91d04a3002560836b
		2 ⁵	32	1.415183505	2.604932384	1.373817919	0.000768972	9a95c88f888a118278556f6e199550fdd352843b19efe2989dbff6a645f48fee
		2 ⁶	64	2.873866079	5.344917465	2.787051127	0.001414330	253d38992399fb3e4a1b8491e60d5bdfaf0a08e59fc16c3c8694582e83ed2236
		2 ⁷	128	5.973890573	10.766917293	5.690766260	0.002656002	ce54f82ebdc256941aa282a8cc8f30fd860419474f769c31fc00ae9091fdc434
		2 ⁸	256	11.546395290	21.017819684	10.939951236	0.005084767	fdc9f6fff7750ca6b3dd4362dec632bf7357758069bd9460bd385327d6c96d614
		2 ⁹	512	22.979904304	41.676953467	21.770164831	0.009425477	2bfb34b9e8acb3e7e392e45e2cc5944d3165ed067acd319ad59b3c3be36e7fea
		2 ¹⁰	1,024	46.082379567	83.459692341	43.778825846	0.017582318	88d02ea9ed5b7d9b051691057e2c7b6040bb75bfe811137a2a073c6def775cd
		2 ¹¹	2,048	91.292122018	166.416602218	86.681477278	0.042260764	ab8965784d95dd450236716f9a779596d16ef5b8c7ced6f074a134b58fc3ef16
		2 ¹²	4,096	181.864311472	331.353909699	172.890125701	0.072711577	17482991e76c29dc36db3de8f14a3e9e7a934279997033ec33fec21ffad60b232
		2 ¹³	8,192	365.854865993	669.207354570	347.992854750	0.132269395	334fa65878d3d815d8ec9100c47d7ba64a9c3bb691bfadc614cc4d4f37380e15
		2 ¹⁴	16,384	732.601880895	1,349.377329161	696.959303821	0.250107242	62c8ee5936b766fce687cb92926bf5675017a0c3f7d8d2ca5ad5b29815e864f9
		2 ¹⁵	32,768	1,461.311595907	2,654.033248787	1,395.643497730	0.485445182	0e293b43b8b6e50f27b1e7bf4b8755292dc17fe40c2622cf5a9007e295c42292
		2 ¹⁶	65,536	2,891.864769321	5,344.927359621	2,792.414525084	0.962671264	e7cab36457b206d434940503c307ee19981fc899336a658c2bdb6a9a59183b29
		2 ¹⁷	131,072	5,756.987131927	11,081.832144145	5,590.151045097	1.899443561	c62b83c460299d2de1dbba1667ee0188f3afd86f90d9292eebcb99ed8df42e34
		2 ¹⁸	262,144	11,513.974263854	22,163.664288290	11,180.302090194	3.773753101	b0c278cd9de1e88226db9ef44213965e7b9aa9edfeb9a0d8d21d3917d2825f99
		2 ¹⁹	524,288	23,027.948527708	44,327.328576580	22,360.604180388	7.521326489	eef70af71c0e364d0edbc97eaa6245c76df06b7ba5181b6cfa0d05aec5c46244
		2 ²⁰	1,048,576	46,055.897055416	88,654.657153160	44,721.208360776	15.076673912	158a5b31a252dfa1907bbb06220d529715af2b70861fbcf3cabdeeea53015e98
		2 ²¹	2,097,152	92,111.794110832	177,309.314306320	89,442.416721552	30.255536955	297cd57f40309e4f517494ec289b368158c6a27ca6178fd38aef3096c2bb06b0
		2 ²²	4,194,304	184,223.588221664	354,618.628612640	178,884.833443104	60.904413225	c3fbbb4b42d721d31ad01ffc6b9571de9dc50538680f4c5846f422c0c08a7b88
		2 ²³	8,388,608	368,447.176443328	709,237.257225280	357,769.666886208	123.874789302	ce787a830267d7173b85173ef1c506138c14a0af5de92d78a6ace5a8aa2ad692
		2 ²⁴	16,777,216	736,894.352886656	1,418,474.514450560	715,539.333772416	256.210421873	d74f44c31ae83738d66f2a643ed5a0f2a7961ba186f3b769d790ca15e0e2f456
		2 ²⁵	33,554,432	1,473,788.705773310	2,836,949.028901120	1,431,078.667544830	534.821929845	27b8665ddaf5ea91ee3dab5d60d9e18415bb1187ae8a6283d456c3431372a1a5
		2 ²⁶	67,108,864	2,947,577.411546620	5,673,898.057802240	2,862,157.335089660	1,106.895215899	73d2d522be7c215bd4720369f3b4b8ce80d46d1a3afcb0c53e9b92abd2d0feb
		2 ²⁷	134,217,728	5,895,154.823093240	11,347,796.115604500	5,724,314.670179320	2,186.860057254	30cd06c98d51449486e3f56e472256456f4b5bbe3fc2ea8184eee5cc3e82325a
		2 ²⁸	268,435,456	11,790,309.646186500	22,695,592.231209000	11,448,629.340358600	4,021.359066765	b5d516b03deb597383e91bed655a8c254ce42c8a9fe4387100fc61de3b8fe16b
		2 ²⁹	536,870,912	23,580,619.292373000	45,391,184.462418000	22,897,258.680717200	7,693.851192881	9ec31a3ecd801ece5824b09252cd433a1e2f4948387c653711f4c9efd191f7c
		2 ³⁰	1,073,741,824	47,161,238.584746000	90,782,368.924836000	45,794,517.361434400	15,029.953159354	1998bfc83752be3976378f7985bf99214335a44f96d55be586d0467a3aeb6caf
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁵	33,554,432	—	0	0.000000000	0.000000000	0.000000000	0.000000000	491c755a699b13efc50ce455fd8b6006d1a9fc0b22a37037a84f49bb953643f9
		2 ⁰	1	0.102271562	0.172061207	0.090611369	0.000037561	53b6a42794f0c24af89ec9a1775b8505cdf1ffc335d1964fbef848bf30a79b00
		2 ¹	2	0.225099485	0.356247674	0.217825623	0.000072969	8cfb294a9a57cee87f029086e495b8a3037dfde2b94543d2637f4cda0c88618e
		2 ²	4	0.427568246	0.740274653	0.403536442	0.000134777	332bb6097840c6b8b19c3ec8dbe48a34b8e1a27e5e2541daaa94f1d2938c57e6
		2 ³	8	0.842241465	1.472126638	0.811446510	0.000239402	9092dea69944f23c40d98faee122ab76eb73ffc49f5cdeb9b43ada6a2330daa4
		2 ⁴	16	1.612470893	2.851805135	1.552417744	0.000449110	b7afd2f1008ef0b9b41aee3022803fb08cd76c66b3d28023da412d78fdc8894a
		2 ⁵	32	3.148418109	5.559047991	3.007689463	0.000840135	273f906ddda228e79ee3be7fa22e1f12905a681d6e3fbbf9cbb7d6736588594
		2 ⁶	64	6.032368590	10.816032613	5.770444524	0.001603985	313a528f5b29f30c0770749579d3fc60638f7f08b4d3f96871af2b47f2bfec61
		2 ⁷	128	11.640011786	20.856728848	11.196280947	0.003105744	6f30e0a0e37dcb140b386a4b1806385a1897608c570cf0269f3b7566226116b0
		2 ⁸	256	23.250073628	41.555807259	22.249015351	0.005810979	d864cc9e7dfcb74014fcd3a78b99f09e5fe5433ffcf221533ece89c4043e3ee
		2 ⁹	512	45.889349177	82.054138565	43.759394452	0.010917132	2385c045b42855868fedbfb50d44138160a73cd20d4bca812550ca99b7da8139
		2 ¹⁰	1,024	90.505615285	163.578769320	86.560204676	0.020830334	3818f95a70d0ba1cae370a09693cc1459a99567fb3bb2d6373fd9da53fc10c6
		2 ¹¹	2,048	182.969050750	329.234229847	175.009029435	0.039703947	ec1e32667cb463ed8999a4cd21fcd62338ad817e367ccc7007a7a43047a9444a
		2 ¹²	4,096	366.395977351	659.833378813	352.765973243	0.077458439	3980a894baafd18d6a72ae9946836c7ce6afa540cf3943765798a8c5d3d218f7
		2 ¹³	8,192	726.227633384	1,325.266500495	706.429955126	0.150581909	77924148d05526b88f50aecdd74af838efae6501ad002f76697eb92b60f17736d
		2 ¹⁴	16,384	1,444.702355526	2,609.495784381	1,413.683309692	0.294984217	756044004600d4d3877262f5e5aea517e8af91913806a5f6259f1a16756d0481
		2 ¹⁵	32,768	2,870.079041689	5,141.519312385	2,811.920424253	0.582389989	294292956e1c78396fa7eecd95b937929cfd2044ef47bb1167cbfe2b212f385d
		2 ¹⁶	65,536	5,734.447801742	10,311.236929774	5,625.814173280	1.156737104	66da8d51e5dd8bff2b973b90eb9f18863b5ceff98c0fa48b4d2bb91dd2570315
		2 ¹⁷	131,072	11,468.895603484	20,622.473859548	11,251.628346560	2.305787198	679689626528daf7e08a6788bdc0cb644a792354cbd834a6d24f250ecf92ed19
		2 ¹⁸	262,144	22,937.791206968	41,244.947719096	22,503.256693120	4.600001193	4aebbb7468a9c9d895a46111b2fbd17ce44f7f800f9b4158134230be13d269f7
		2 ¹⁹	524,288	45,875.582413936	82,489.895438192	45,006.513386240	9.238773413	8bf411ef4307e658d919f42c0e54137b91fcc6715774d7503982c180ee2e0488
		2 ²⁰	1,048,576	91,751.164827872	164,979.790876384	90,013.026772480	18.465511134	5298ede0fd589bb6f0d1b2c7a6cf5a90a3c6e38ff0a74633f3827c6c58dab7bf
		2 ²¹	2,097,152	183,502.329655744	329,959.581752768	180,026.053544960	36.946138135	6fb04380d4a53c42c3317294a09e66c03904cbd2f47215e93a474f32fe3f0818
		2 ²²	4,194,304	367,004.659311488	659,919.163505536	360,052.107089920	73.952054129	fb41bcd0e144d28037efd3765d2a1416a3da1e79984051092751baf1fd535354
		2 ²³	8,388,608	734,009.318622976	1,319,838.327011070	720,104.214179840	148.821882319	3e681a7c42ed44d59f2c21e80f81e6c22d78ef9bf91946bf798608e5f4da6e45
		2 ²⁴	16,777,216	1,468,018.637245950	2,639,676.654022140	1,440,208.428359680	302.429608387	1fbb44cbc42c6b89667b5dc020e8acc3ebfe0fbc413a89a0ac64ae15ca9c17f0
		2 ²⁵	33,554,432	2,936,037.274491900	5,279,353.308044280	2,880,416.856719360	627.122458329	606713249f8e721b35350a554546c5c5b953393bb9e58f34eb42ba22305283ad
		2 ²⁶	67,108,864	5,872,074.548983800	10,558,706.616088600	5,760,833.713438720	1,269.984005014	fafd1050c7bcafc195eccc546549cbf90497ebc96c54fa94ed5e52a22ea0fa5
		2 ²⁷	134,217,728	11,744,149.097967600	21,117,413.232177200	11,521,667.426877400	2,381.004870350	bab6c05d7e26a2e698546b0864e4147c272a5b313838133f1e9775f3dde9dbb1
		2 ²⁸	268,435,456	23,488,298.195935200	42,234,826.464354400	23,043,334.853754800	4,502.334391282	564ef306fbafe39c6516a07b02b37009ba1d2201dff76e971f015db5924d76c1
		2 ²⁹	536,870,912	46,976,596.391870400	84,469,652.928708800	46,086,669.707509600	8,744.323018419	cfdc98d066d99bc53ae148e135684ca3e87590d882ecd8cb211dca73ce09cdb5a
		2 ³⁰	1,073,741,824	93,953,192.783740800	168,939,305.857418000	92,173,339.415019200	17,215.594615741	abdf7ae81d9999d885f09e011052b580b73956f3e677aaddb45a55f3c8b9110a
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁶	67,108,864	—	0	0.000000000	0.000000000	0.000000000	0.000000000	202f8ac7cc641b0084ad013a694f10a6316951608a2e66fd09f6adb387872525
		2 ⁰	1	0.168150643	0.302061456	0.171442700	0.000048408	3a499eb82252aa6181b847613f3f99cbe45a3a64a8fc21f8c2084b8e53adf053
		2 ¹	2	0.309725493	0.605198571	0.317869650	0.000088765	13fbb552c36135418b30cf8417569c13c0a0fadbf16d2f538877164d047b1412
		2 ²	4	0.642531270	1.086725845	0.619858334	0.000173267	bd95a024bacc9574b91a5f37981be4e5beed985fd31bf0106d01f6548e744c0
		2 ³	8	1.006746964	1.818291039	0.985635308	0.000313076	1a1bbd4923c536fcac4bc6299f3fe07d73204f0b7a4254ad788b3ec93ad52b99
		2 ⁴	16	2.407892943	4.336885659	2.348661750	0.000573346	9a3bc787640ede31715201aae87663955adc3e8a093a40f12f87cbe48081c29f
		2 ⁵	32	5.648491768	9.836512487	5.454188215	0.001059393	cea2bb59c5c06ad217073e7559695465f7c1aee4c0184f92e10673a3e6bafa6a
		2 ⁶	64	11.462025641	20.147075953	11.089154832	0.001995994	a09bf2f6bdaae5f8c56af17f39094711a525f9efaaadbb608d9dab3340ea7ec1
		2 ⁷	128	23.009239769	40.401693222	22.263361290	0.003787868	4aaa07c69cb526d7f260d1a1a8601f8a3be9862a7ee29a431a96eadfdd0f0e1e
		2 ⁸	256	46.035529975	81.052398896	43.938251669	0.007008793	9d9ba200eba7c3484802cfcfd592640a789832bfd03fbc41b9115faaed58b3e9
		2 ⁹	512	92.251468002	164.111218796	88.444543567	0.013088729	6ece23df2f744cb351cbb45f31c8502198792037d3412b6758d6c42504920a4e
		2 ¹⁰	1,024	186.629286523	329.588811699	178.885717626	0.024494714	ca24c8e40a8306c66ff6f96caa89bbb079d9ba39e0a9641bf6ad876df28c9108
		2 ¹¹	2,048	371.689262496	659.616863697	355.960876025	0.046468958	2d8ad80d2bd9419e3407d6c5c189c914d4cb8b620fe84d5387acf9bc5270059e
		2 ¹²	4,096	740.680123321	1,314.746438655	709.484693206	0.089557542	009132027e764cec0c2e711507ec25bba6a2ec68553674463f6a656767e7104a
		2 ¹³	8,192	1,480.653014330	2,581.265935470	1,415.581145903	0.173278970	f3a62d7c92e1f62d4e6eac9b276da37a4ba12610a7c5dbd403fb0cc359357be0
		2 ¹⁴	16,384	2,921.737499026	5,086.783379255	2,819.383119667	0.339170402	d04ce54ee9cd59794d9b570c4b18e05a053cd544488deb57255a2b562a47c111
		2 ¹⁵	32,768	5,783.548518261	10,117.243909866	5,632.966592708	0.668964309	6a892488672bd0f50ba9e818ad8dde641502fcf4e6af09a13d2f03b23f400792
		2 ¹⁶	65,536	11,567.097036522	20,234.487819732	11,265.933185416	1.327849081	974cf46c1c36747e49bb4a073222362da216fb266fc81f0810440c8a145f7c43
		2 ¹⁷	131,072	23,134.194073044	40,468.975639464	22,531.866370832	2.646192663	dac4233e3fe1a43527f80c072c6213eaa9586a045dbfea9c26247ca5f931425d
		2 ¹⁸	262,144	46,268.388146088	80,937.951278928	45,063.732741664	5.327136822	acad4fa596006865b7477c45a565cfe83cd464e4c66fea834fb3d1d4ecd075a9
		2 ¹⁹	524,288	92,536.776292176	161,875.902557856	90,127.465483328	10.638320838	b9c982aea38cebe30127ae5fa80aa25113c2f1beba79ccfe407fe79d1dcfe7d0
		2 ²⁰	1,048,576	185,073.552584352	323,751.805115712	180,254.930966656	21.230191379	f6658ccd8cf77e571e88d14b069cb2416c8910fcdbd1a3d742e165350b74ec486
		2 ²¹	2,097,152	370,147.105168704	647,503.610231424	360,509.861933312	42.409951975	b1d6ce85b2322aac319ab9303f9ee0affe4b7e6b84dfb5c1e4d3794c1a2fad4d
		2 ²²	4,194,304	740,294.210337408	1,295,007.220462850	721,019.723866624	84.717444718	412f3ff84ebd3d0aa78b74925a9da6aefce8a14c3505e28541c93f5a1782c4ff
		2 ²³	8,388,608	1,480,588.420674820	2,590,014.440925700	1,442,039.447733250	169.546924022	41222bfcd40d37a1ef7e34df9780aed012c872ed5ce89f99895c0a09742c7e92
		2 ²⁴	16,777,216	2,961,176.841349640	5,180,028.881851400	2,884,078.895466500	340.965787052	82d28d98b0958e186a7346c50269f281f1a0ea07f278b8bf9cfdfe1c2a8e3fe
		2 ²⁵	33,554,432	5,922,353.682699280	10,360,057.763702800	5,768,157.790933000	687.846617338	9e89d5552b2851f432abf816f2be0adcb0725e7fb805164188405989340bf45
		2 ²⁶	67,108,864	11,844,707.365398600	20,720,115.527405600	11,536,315.581866000	1,385.210579815	cdeb300baba61a0b6bfce14cf7c8f6bc2a9d0756b1d6ab199587273bfd818b01
		2 ²⁷	134,217,728	23,689,414.730797200	41,440,231.054811200	23,072,631.163732000	2,708.562672566	1a1db908e210d5148bf5a814991ce6f027c0a28a486d50ec6f148e0e9f75727c
		2 ²⁸	268,435,456	47,378,829.461594400	82,880,462.109622400	46,145,262.327464000	5,093.042802792	6b3e075b01ec8e828736db75565b1d476b0344d24b713ba4ded6a23a59be20e1
		2 ²⁹	536,870,912	94,757,658.923188800	165,760,924.219245000	92,290,524.654928000	9,865.197767915	3ef759d9ca062fd5968f33768462d6e8b62ecb53c7c9a043099516e42becd6ae
		2 ³⁰	1,073,741,824	189,515,317.846378000	331,521,848.438490000	184,581,049.309856000	19,403.407804875	c8b76c3e6bee9676211b3a26694ebb58d4f7e6b4a4a72b6aed360496451ad40b
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁷	134,217,728	—	0	0.000000000	0.000000000	0.000000000	0.000000000	54b3771bd1f6ac7518f0958ec343b1959be02f05ba1c7d4a52d99b46d1116bed
		2 ⁰	1	0.586306751	0.965497040	0.567274748	0.000051502	866ab75bd49e32e3a229dd1f13f734639367bc7664b63db5b7f51b8a626e4de3
		2 ¹	2	0.767978248	1.311010964	0.788225244	0.000098910	a9286d7fe2bb15a3a872479d737b1dde7638dd5d2dae880f8ee5bf13945b92c
		2 ²	4	1.298286518	2.463796285	1.320868638	0.000180748	f2236defa466b4a63220914b385d5a2254c949b14eab1530eba75693848558f3
		2 ³	8	2.824632142	5.031382007	2.670963697	0.000335966	e9dfb953920526d8b12598cb9fc412fd7cc8fcde452759c9df5f548774592eed
		2 ⁴	16	6.031706028	10.904043137	5.701800181	0.000646561	26db5f8d6ad27f7bd15e808cd94be4d3ebc93f6b3aaa2a27ca99c3b818f75eb8
		2 ⁵	32	11.268142082	20.798565199	10.616696761	0.001228194	4138e7e20ef10e617dc90125920cfd6bae0b2deffb069162557b7a90cd74fcdb
		2 ⁶	64	21.938187289	40.534654441	20.826042123	0.002302060	a13342ae92c2fb66d1b215c288e1fb60648465d942cb2110637a2f3bea70c0e5
		2 ⁷	128	44.271531842	79.482656162	42.193126645	0.004305479	324a6abeb3c1ad02dd40b8b77009913ebf30b83a6330315205b817747dca9bcc
		2 ⁸	256	89.416852824	161.342814306	85.236274806	0.008138464	1852cc78b9b3877b36873c437ce432181803de7bd37191e0e5f24d6769cd198a
		2 ⁹	512	180.088956596	323.519277647	171.821306934	0.015210250	19081f79194c14358879c9f53c7a3c22021c0010b4134d908322d5c8319f129b
		2 ¹⁰	1,024	362.307615108	650.358970488	346.340788417	0.028520140	ea14044c5579c1a014d370dbb3fda8ae24949d9de3e14e8f70e36e4a3761ac1e
		2 ¹¹	2,048	730.437060693	1,311.215898004	699.713221319	0.054190581	c9122d53a83cdd63a455d859e9954274352e28c1d374b169a60a2d30a28951ba
		2 ¹²	4,096	1,474.827510300	2,638.682889717	1,414.999661405	0.104252690	284436806ff15cc00f734dbdeab3d68e801611e709d65a3242eca808dbe6dafd
		2 ¹³	8,192	2,897.694438343	5,164.847723357	2,816.965342396	0.203254689	fc150ca689b4c5154b7ceafb5e91a01eb5b49bdee7f10de389b165803e4c0114
		2 ¹⁴	16,384	5,774.528974594	10,170.813470107	5,648.782039001	0.401040409	421332fb6184754bb584c26052bf484e9ccc959c86398bb41da969f7b66bffe7
		2 ¹⁵	32,768	11,549.057949188	20,341.626940214	11,297.564078002	0.789792994	771cb91424f311bd1284256dd97571df0c35d35180a0bfcc8f7ab0b0b2a0bb4a
		2 ¹⁶	65,536	23,098.115898376	40,683.253880428	22,595.128156004	1.568316505	78088b96904d961eaecc27db29c8469e900640e56e20193b187d999b0e9a924bd
		2 ¹⁷	131,072	46,196.231796752	81,366.507760856	45,190.256312008	3.122391413	e0aa32a8e385fe189e0a8e4261fc4c0791ad2d6f934ee890bd575ffff41e1383b
		2 ¹⁸	262,144	92,392.463593504	162,733.015521712	90,380.512624016	6.230988039	c7541c865da1c32ec52fdadb93c990533d75184583f65e7c3c39480aab88b505
		2 ¹⁹	524,288	184,784.927187008	325,466.031043424	180,761.025248032	12.447489654	a78e5facf78ebe21b3e29a8d7b215aeb9c6c8514fb683338ab8dbb1be84ba1b4
		2 ²⁰	1,048,576	369,569.854374016	650,932.062086848	361,522.050496064	24.929671326	f10889e2ee2f69b7585c622e093045e42859971995df55eb1553dfaa9c7d3bd0
		2 ²¹	2,097,152	739,139.708748032	1,301,864.124173700	723,044.100992128	49.893812963	bd637fd0f3a36042e4ce63795dfdbcd4eebf0667fa7fc7179af3990482eab766
		2 ²²	4,194,304	1,478,279.417496060	2,603,728.248347400	1,446,088.201984260	99.757793057	71616e6c5f45efd3a614d8b5b2579ee39d3ac5334524f0f102cdeb5e8bd05af6
		2 ²³	8,388,608	2,956,558.834992120	5,207,456.496694800	2,892,176.403968520	199.638973504	0a8a72d2ad69e806ec067073c00f254af6cf6a2d51c3964fe77c125de49c6b55
		2 ²⁴	16,777,216	5,913,117.669984240	10,414,912.993389600	5,784,352.807937040	400.026365272	f5f81e4a602ca65078574026cdba98ca4230d7d4602e474184c9d9ff18b0cb3d
		2 ²⁵	33,554,432	11,826,235.339968500	20,829,825.986779200	11,568,705.615874100	806.043932668	21ed88d8e609e92aedec9de5844d875ae6fdc276cd5c1a677d7768da603e667a
		2 ²⁶	67,108,864	23,652,470.679937000	41,659,651.973558400	23,137,411.231748200	1,648.110632527	38a6cd7ef744e72c6efcde0451acd6c8534bc57ed0aa5f1d4b7bca9acd2a9267
		2 ²⁷	134,217,728	47,304,941.359874000	83,319,303.947116800	46,274,822.463496400	3,445.258298410	0ab22db74da6298672b7dd69befc92bf62f1b957baba0eeafa9eb61460207545
		2 ²⁸	268,435,456	94,609,882.719748000	166,638,607.894234000	92,549,644.926992800	6,794.554578601	c56f40a2e7dc4f4f6a43eacd8518558a3bfa2f6378de7b5d9797a05384691adc
		2 ²⁹	536,870,912	189,219,765.439496000	333,277,215.788468000	185,099,289.853986000	12,307.691042355	49c39cc4f045e43cc90979f5879af9ccb077a51ccd8eaf30ffc9254ada0116d8
		2 ³⁰	1,073,741,824	378,439,530.878992000	666,554,431.576936000	370,198,579.707972000	23,276.354855068	a88ac06036912a76042135405cbf8c6c450e81d461bcad0cfbf3f7b55bca9a33c
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁸	268,435,456	—	0	0.000000000	0.000000000	0.000000000	0.000000000	9fa5782235078b92840512a2fe5af78c528c5e1462964c39da338b18a6efead9
		2 ⁰	1	0.925014114	1.693814335	0.902094492	0.000058261	942861b717bd7afc3b1d03465ac7e6487276dc38db2b0a7aa5cc24284b879a67
		2 ¹	2	1.665586982	2.844709622	1.602546389	0.000110504	5a0bddc95c011c9bc490eae1e21ea333f7f1b75894364b5e28c99f84e0cc336e
		2 ²	4	3.376035614	5.767418227	3.279448069	0.000214282	268e6c21717a5f085fde9ddfd569c9f5cb6a2150b18b1ef1962a74a306aa3d56
		2 ³	8	5.652562019	10.147468488	5.360148514	0.000408315	de7120d118ee1cbb7becd80a31547538f5a63edc6632b202869695dfd6d111c6
		2 ⁴	16	11.899580207	21.724653880	11.138603668	0.000762407	07c54f75eb8f0f5e26c87eceb36186fe66e059f19d9797bfe6959f68ebb5483a
		2 ⁵	32	24.289972524	44.183219485	23.405867609	0.001415017	916bef8dbeaf5ce9cdc060842a4a87ae4e589b6384e98cbc8ae0f02ee38a648
		2 ⁶	64	46.359674145	83.270174508	44.424069142	0.002616655	3801af75e6c331204a5e9f0282ffb15a6dfd2d7e8eb1da0785f89e050839856dd
		2 ⁷	128	90.677160565	162.831838440	86.247977880	0.004894350	7df78518bd3881ff5e481d2d5270509d1b157b8d60276f2f30f38b3b2415c7636
		2 ⁸	256	178.467609722	318.617521342	170.823703211	0.009168628	c380578bed341492a81276a5a5f215725d7e73cfd42b403dd3b30d3866ef1b7c
		2 ⁹	512	361.261142214	645.910555631	345.883029038	0.017248731	9712e4b0e534fb3e598ccd6e2da3893c60b1e5549655de000cd6f88a3ab3d5e5
		2 ¹⁰	1,024	736.879798253	1,305.011411725	707.331518840	0.032645727	db057ff272b9f30f779e9027ba06e42a257c6567cf8df3b02427b0a2eb92c94b
		2 ¹¹	2,048	1,461.941908842	2,607.715988860	1,398.977466188	0.062305440	f53173e9a073c0cb02e3da19a801678522cca0135d804eba81e90532e19cbb04
		2 ¹²	4,096	2,911.541430485	5,182.003390939	2,809.777035202	0.119898455	42abe454a9c73ee7fa7cad020b3e061d04d358d3acbbcc532565f61c6672b01
		2 ¹³	8,192	5,766.988239474	10,170.169611784	5,619.730517203	0.233215698	756b67d3648eefdc6eba8f07f005f205368d40de7150ed0e4a906276b7885c78
		2 ¹⁴	16,384	11,533.976478948	20,340.339223568	11,239.461034406	0.459376384	561d8d2dc3643ebecb275f18b0f91285cbad0a672f7359942e57af605e2a8f66
		2 ¹⁵	32,768	23,067.952957896	40,680.678447136	22,478.922068812	0.909972737	da4e0c862f84813ba7e55d1e229075e056edd45c7eac2952534bf23ffef77fa
		2 ¹⁶	65,536	46,135.905915792	81,361.356894272	44,957.844137624	1.809772237	372b5d0219139f7cd44a3da06ff3a21f4e49f9b4796558c7ab5c0d651418d676
		2 ¹⁷	131,072	92,271.811831584	162,722.713788544	89,915.688275248	3.610347827	e58300e67b8c9f789c969bfa1bbc62d6cd5e54e5852b405db80f64136465346b
		2 ¹⁸	262,144	184,543.623663168	325,445.427577088	179,831.376550496	7.210685990	ca600267af7406fdae7883c2588f84a9b91ad88a96a994bc0a22fbb887bc549f
		2 ¹⁹	524,288	369,087.247326336	650,890.855154176	359,662.753100992	14.432996730	435cb8d9990bfefa6b422fc5244a0b0193768ac707335b3ab2fdd63b7405bdf1
		2 ²⁰	1,048,576	738,174.494652672	1,301,781.710308350	719,325.506201984	28.915538877	dfae193778b17dad45881e50b3baec9ecc1511dadf71c0598cf7b4304e11e901
		2 ²¹	2,097,152	1,476,348.989305340	2,603,563.420616700	1,438,651.012403970	57.790120314	7411b10022646c218edb8bf9b60e7385732b0549b9104a8bae355d183625d978
		2 ²²	4,194,304	2,952,697.978610680	5,207,126.841233400	2,877,302.024807940	115.485241400	40ad81e151c00f41723a364e0f22bc15ff55c1cd3272b87186847d5781b8bbbf
		2 ²³	8,388,608	5,905,395.957221360	10,414,253.682466800	5,754,604.049615880	230.886742543	2962847f76ed1eb552624ed7eb087622b570704786e63c49ecf5713e5bad9138
		2 ²⁴	16,777,216	11,810,791.914442700	20,828,507.364933600	11,509,208.099231800	461.189044205	60fa08e9a6f3967ce28af89d49e28af8a19c35e03356ac9e4e161e815de9d6bf
		2 ²⁵	33,554,432	23,621,583.828885400	41,657,014.729867200	23,018,416.198463600	923.585542957	591abb8c8f0b0f3d0d2ca5e1a095c59ded5a9902ca771697f3d419301afb1dfff
		2 ²⁶	67,108,864	47,243,167.657770800	83,314,029.459734400	46,036,832.396927200	1,861.245065570	0d72658bcfea808e1f4c82241075597fad437ceec04d1ddee4cdc10e5dd119
		2 ²⁷	134,217,728	94,486,335.315541600	166,628,058.919469000	92,073,664.793854400	3,776.416907164	93d232f55a4127a23d072ff8f8033b39bbef27744359f8b93bb876123f0bd7ef
		2 ²⁸	268,435,456	188,972,670.631083000	333,256,117.838938000	184,147,329.587709000	7,580.576540148	6a4e982fd0f92c07e4cfbb856fba36dfd2a7db69723d2c035be66445d32c2bf7
		2 ²⁹	536,870,912	377,945,341.262166000	666,512,235.677876000	368,294,659.175418000	14,410.508135641	e2a5e33f517cc8a4965469b23612255b15488da8cbf0d195c921a76fc5054829
		2 ³⁰	1,073,741,824	755,890,682.524332000	1,333,024,471.355750000	736,589,318.350836000	27,004.401571697	6c6c6747a8b7a1c7d0b6eeb70f9963d3cbc5704fff947d951120c0809d3f32e06
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁹	536,870,912	—	0	0.000000000	0.000000000	0.000000000	0.000000000	b6dad1e2bbdee0c57522fbce7192e80cc2ead7de4fa0cfa95969dcc40d0b969b
		2 ⁰	1	0.678262873	1.441901123	0.546265307	0.000065191	683d6f0a62c83025da0de62050c9d593a7201cff8b24c654aa8a6288c0a34920
		2 ¹	2	3.356266060	5.397838038	2.973255524	0.000126286	69b810d0e928245465d21e257c998d3e80f5f66166c57c4fd8b1cda87bd371ec
		2 ²	4	7.333020430	12.589956180	7.023627781	0.000238423	d58bbebfd244c6cdb6d4b4baf48a4fb7a10c3e6f22095fcea7f104ea46043bb4
		2 ³	8	13.969925317	24.825467503	13.813059708	0.000436488	94532b45ff00d63cbdee6b8508aa85cb0dc8939ec460747676f4f3848ec19825
		2 ⁴	16	23.279536226	41.989397930	23.003810191	0.000833573	554e1df668d557921baa49721dc5b5233a058c9c9fc99be94fa296a616829ed9
		2 ⁵	32	48.655522182	85.505980987	47.566538605	0.001548020	4f10e9431036ccc31c18004053d2691a1a772bedde7a9747266b90c15121232a
		2 ⁶	64	97.859260944	171.746501371	95.133804608	0.002881291	6cd8446d2d3afb2f664c0cc0ae9cf5929b14730533c966afb1b3e496f23dfdffa
		2 ⁷	128	200.968719776	348.936971650	194.599971436	0.005387677	e5d6123c3cac5fb3609d11a38cf5c88805e5617c3850ae09a23fe1ac6778d9eb
		2 ⁸	256	379.852803369	670.291553583	368.580236765	0.010113126	6cbdcc4edd639ca7ac4fccd7ce0ecaabb3cbd0e4600bb12331cc7ff1de25c8ee
		2 ⁹	512	738.017938490	1,313.558196511	711.044277379	0.019127789	604508cca62f365be6554ef3af851d2d3f4611b5972154cfbe562142dd31cc07
		2 ¹⁰	1,024	1,468.859531771	2,613.864899197	1,415.695129919	0.036209911	26a2c6abec32634b23b20d6f8b68ddc5c0f48f5742ce0614851b668152e9d44c
		2 ¹¹	2,048	2,934.606247987	5,223.141351015	2,857.148674634	0.069489782	64df894d07fbbec331bb1138c777455a254258b1fd072e20aaa748232b387bbd4
		2 ¹²	4,096	5,777.874853071	10,245.143246094	5,649.654480045	0.134161918	07893b909ccb0951776175890ae2dee127b6ac4b61939c8d3ef4c604e5ccd1c7
		2 ¹³	8,192	11,555.749706142	20,490.286492188	11,299.308960090	0.261217548	69c7af88736f31a4d7cbb6cfe4cc014344af73a1432e84361561265520de1f16
		2 ¹⁴	16,384	23,111.499412284	40,980.572984376	22,598.617920180	0.514881279	bc6097042d253bce3a47bb787c37b14163043bccd7aeb657ca4fcaa65903f629
		2 ¹⁵	32,768	46,222.998824568	81,961.145968752	45,197.235840360	1.021619184	669696de6275d2602650c2d1089867d2a2e014da3efb688b2f4204a2c387fea2
		2 ¹⁶	65,536	92,445.997649136	163,922.291937504	90,394.471680720	2.030044346	266a383a3069e12da1a68763865705f5801d9b38a611fadc7a40d7fc2cd7e517
		2 ¹⁷	131,072	184,891.995298272	327,844.583875008	180,788.943361440	4.043063422	a77c24afd11184f0c56344440515495bda3cce3a879b0e98a52e5496a543674d
		2 ¹⁸	262,144	369,783.990596544	655,689.167750016	361,577.886722880	8.071051537	1476c7a43e21b085d4a6149bfd99b6446e7429a819af4ee123a45a19a18009b6
		2 ¹⁹	524,288	739,567.981193088	1,311,378.335500030	723,155.773445760	16.162788317	dee048abbad2c8562c5475f5d7cda1e3c6435f41cbead1508650037a14fde303
		2 ²⁰	1,048,576	1,479,135.962386180	2,622,756.671000060	1,446,311.546891520	32.295219338	e9dc422c5e879f33ac71310cb2aab99b1df96b25407665d04d6e239a04ddf197
		2 ²¹	2,097,152	2,958,271.924772360	5,245,513.342000120	2,892,623.093783040	64.586133374	c1b0102f5477e89b1e0a1129676060076c80c4a80c02a769603d6671cb6cb93e
		2 ²²	4,194,304	5,916,543.849544720	10,491,026.684000200	5,785,246.187566080	129.005230984	9b6b79c8106bca871424515116a3888ac7201246c4fb3c7a1aafd2d101c122ca
		2 ²³	8,388,608	11,833,087.699089400	20,982,053.368000400	11,570,492.375132200	257.774528836	5998677f474b49a6b4e54da574f9c535b392abea43e9131b781efab8f783dc24
		2 ²⁴	16,777,216	23,666,175.398178800	41,964,106.736000800	23,140,984.750264400	514.987014524	106afeede6cbd81860e242d05be88d11f27ebe0b20397887749371ed68bfc7e
		2 ²⁵	33,554,432	47,332,350.796357600	83,928,213.472001600	46,281,969.500528800	1,030.343249791	301f4a301cc87c1bfc6c669a66a8169b5cbf19c8bdcbb738e3481e24edc4c06
		2 ²⁶	67,108,864	94,664,701.592715200	167,856,426.944003000	92,563,939.001057600	2,064.346802179	ccf074d3cc80322a9a2cbf481570c870d89c9ba8d09e4be5c5b6b24f27302fd5
		2 ²⁷	134,217,728	189,329,403.185430000	335,712,853.888006000	185,127,878.002115000	4,122.153473243	14a53f04bf36714f0b3cf07e0531c702c7e276e4dab9699900e1acc3c1508621f
		2 ²⁸	268,435,456	378,658,806.370860000	671,425,707.776012000	370,255,756.004230000	8,197.234001813	e52f946f6c29940ef6ca2a4af719ea971035e00064b08949ad50c00e9226e8b5
		2 ²⁹	536,870,912	757,317,612.741720000	1,342,851,415.552020000	740,511,512.008460000	16,144.225797441	7e287d4afee1f49d5dbecab5f3b62ae24a16ebb7a34bcb0701c8dbfc90a2951d
		2 ³⁰	1,073,741,824	1,514,635,225.483440000	2,685,702,831.104040000	1,481,023,024.016920000	30,318.850712246	a51fd90dcfcc5e2e3dfcdb4c3619bf2fcc832499b1d197c3797485408792a56e
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ³⁰	1,073,741,824	—	0	0.000000000	0.000000000	0.000000000	0.000000000	35d6da4a21d91969d8e30f6501171d78f1d27c3bd8e7a93f76e926f764a8af46
		2 ⁰	1	2.520905728	3.301704348	2.366862450	0.000067013	b57a3332235f7f8cd4e71925f6d8b571f247c85363c6f79829e1468be5862eb0
		2 ¹	2	5.610039093	8.544384421	5.459668483	0.000133036	3441ced14a8e862890e40b8143006395184dc01d0b1d127712b8d7a0b46b0c40
		2 ²	4	14.619960549	22.617242370	14.127892572	0.000251590	da6e9af154724c54da97c370fd9bcd5c624a88d604cbe30a69b8385b403fa443
		2 ³	8	27.557905585	45.268296658	26.298908710	0.000484518	435e830f4fc89b89a0213282ed2f413f73fd432c677fe6fbb03d4eb1ccfb901e
		2 ⁴	16	56.092892345	95.660745642	53.983206066	0.000911044	0eef8af783a5fd6662c7bd40122537e63ed332502ec2beffa1b709181306a42f
		2 ⁵	32	102.220863902	177.867514846	98.849893210	0.001664619	046b7328643494b11f1972dc50f738bc80d85275e6f40f7bc92ab55fb9773dd2
		2 ⁶	64	183.475477643	319.456119408	176.857219076	0.003089723	c3ee75dc33969423fc36cb3915c7c8c6e2d86c344d20733205e5be7437bf0a10
		2 ⁷	128	356.321041021	632.373249466	341.381603272	0.005793748	1de3606e33f0e7c0f6d6a331b05c165355d86111259799e5c6328194613d6b79
		2 ⁸	256	716.525568317	1,279.429763943	691.000088960	0.010928887	00d33954ebe8dda2e437ea88ee897d64d35b86968a17db61571a9dcb2829bf46
		2 ⁹	512	1,457.837896730	2,607.725033883	1,407.521348961	0.020773445	748eb640f7be3242136c98c892d044ac05556080f3e499b3dba68bab006976be
		2 ¹⁰	1,024	2,926.778243359	5,232.529955213	2,831.634470271	0.039594428	26dd8cd9dd5623eb35337e8428321c7981af975b60ae15591cff73f11e23da2a
		2 ¹¹	2,048	5,845.355331379	10,463.221353683	5,703.432451231	0.075930131	934dfab07f0e4101c8a03fb02410b465245f64228b3d596731b3aa9516937903
		2 ¹²	4,096	11,690.710662758	20,926.442707366	11,406.864902462	0.146826197	160e2b401fc2e1e06a2df726ca235b49796857fd9df106acf3e8c1d202924918
		2 ¹³	8,192	23,381.421325516	41,852.885414732	22,813.729804924	0.286956721	8cd4c378a1a973b3b533de70c8bf4e0f46238914a3213fba6ef413c02a97d6b2
		2 ¹⁴	16,384	46,762.842651032	83,705.770829464	45,627.459609848	0.565989317	083a3ec9f3f2165611450358a82e102fa621e3411f1426e0bc26b217d99f3696
		2 ¹⁵	32,768	93,525.685302064	167,411.541658928	91,254.919219696	1.120306402	b6dccd98d0d1002b252983512ba0181e7fe0e334513ea142be67b96e6ab2d98d
		2 ¹⁶	65,536	187,051.370604128	334,823.083317856	182,509.838439392	2.232856356	a4fc12a3c1bafb8d31e12eec83a980a6569cc12ae6554732b9e93783a310d358
		2 ¹⁷	131,072	374,102.741208256	669,646.166635712	365,019.676878784	4.447873275	558d2a96680fcf436d81d4ad546cfc4acea7a6f6c1af221f39f0d5397a211c41
		2 ¹⁸	262,144	748,205.482416512	1,339,292.333271420	730,039.353757568	8.876255398	a6bc430e917b40919c88e55a264e8abf971a6d4022b9d16815e7c5b96e35b4f7
		2 ¹⁹	524,288	1,496,410.964833020	2,678,584.666542840	1,460,078.707515140	17.775497811	6ae1f3f943885ac648ea380c2e1fb6e0de742dd8eff7f866d054e9a7251ba6df
		2 ²⁰	1,048,576	2,992,821.929666040	5,357,169.333085680	2,920,157.415030280	35.529065047	0d6a116db439c29b99702fa1e6f36ffc43714db587ee62083d8c43e89520c942
		2 ²¹	2,097,152	5,985,643.859332080	10,714,338.666171400	5,840,314.830060560	71.001309873	c4999b12596a5e6f734ab0c164ce07fc6ab2064ec85150aef786b5b57c0af2b0
		2 ²²	4,194,304	11,971,287.718664200	21,428,677.332342800	11,680,629.660121100	141.980256081	e48c4bf6f277ec8ff305902a7869ccfe1ad2e72b4288c0f8a0abeba942dd4e95
		2 ²³	8,388,608	23,942,575.437328400	42,857,354.664685600	23,361,259.320242200	283.813189124	32a5591e27d98dec8e23c56b9d5d48479db5cddb4d6843cf723dba100564ee7df
		2 ²⁴	16,777,216	47,885,150.874656800	85,714,709.329371200	46,722,518.640484400	567.179715187	25bc412b249842511e2156c340f255e41589e60ebd056823a2b51778178e36c4
		2 ²⁵	33,554,432	95,770,301.749313600	171,429,418.658742000	93,445,037.280968800	1,133.270197164	543254dc01c64f896399e60e17ed80c82a8839d263788e76fdc23a916b0fb850
		2 ²⁶	67,108,864	191,540,603.498627000	342,858,837.317484000	186,890,074.561938000	2,261.094664314	862cc637f4001dda4bafb2c038d0ad5424a26c058c22f978f44c309c1be3aa8
		2 ²⁷	134,217,728	383,081,206.997254000	685,717,674.634968000	373,780,149.123876000	4,500.242744686	6b50b9de1fb156b69aafc08a28839ae90ddd39b60b20f1fff1ff32c1cf75f3c7
		2 ²⁸	268,435,456	766,162,413.994508000	1,371,435,349.269940000	747,560,298.247752000	8,935.128982139	e6dc189e0a75dd40663db25f0220dd63a108d14e726e9c0900901589951a4b57
		2 ²⁹	536,870,912	1,532,324,827.989020000	2,742,870,698.539880000	1,495,120,596.495500000	17,709.378530787	bd2e495f7a2100a9adce96649a0291f0ff660486b7d2e56bc2f75a533a2f77a2
		2 ³⁰	1,073,741,824	3,064,649,655.978040000	5,485,741,397.079760000	2,990,241,192.991000000	34,718.853557292	67a2d5b7eeda201590140e5fa1effb47950154802d14d77bacd3ab174ea0d7dd
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Raw outputs - range max

(2^{20} value types)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹	2	—	0	0.000000000	0.000000000	0.000000000	0.000000000	6da048ad22a10a3ea078f47ffab8cef622a9769ff2253a510f628d2ffc236eb6
		2 ⁰	1	0.000000878	0.000000920	0.000000680	0.000001158	8afdb75504ee69f4a852a0895d81326a25dd2597240b289a01981ec8d45a96d1
		2 ¹	2	0.000001217	0.000001262	0.000000978	0.000001615	ed0df80215117c63654db2a82a7f9590f3c2e19b42fdbb204ad8107bf1975808
		2 ²	4	0.000001600	0.000001625	0.000001357	0.000002071	7ad3d552d2ce5c48fec28622e8bd5218d1a5a1a5a6ea05a6e1f469b9562e0812
		2 ³	8	0.000002367	0.000002231	0.000001893	0.000002733	a8fff790e1b7e23e90aabab5095e4fb123527d84ec72fd64fb86ff411595d6b5
		2 ⁴	16	0.000003419	0.000003146	0.000002773	0.000003763	105fcf035e2d472e9bbb155b6a3983d35eca3823ccc4b7c7f73be20f8227d639
		2 ⁵	32	0.000005030	0.000005036	0.000013685	0.000005875	3473cabaada9765ec2af03d75737eba78101ed1aa11147c0a15e085780e2854
		2 ⁶	64	0.000008260	0.000007986	0.000016502	0.000009391	b15efcb8ddb43e808265ffe8a12f1bba4baebc152c19515c8de2a22a116e810a
		2 ⁷	128	0.000014382	0.000013508	0.000021716	0.000015410	35d4d4be0f9d64c376669587e2a141411a8a6e8f4874134c5498cd7e70d8041f
		2 ⁸	256	0.000026696	0.000024265	0.000032106	0.000027791	619e71bb9559112bfd3578c9878b2d97b4d6157645b1aacf6ee810a09418d2df
		2 ⁹	512	0.000050987	0.000046802	0.000052732	0.000053118	92f841807e4669d6db8300111dd48c41d738b91cd92964d71a95e106c9551e01
		2 ¹⁰	1,024	0.000101101	0.000092848	0.000096242	0.000104552	36a82c13afac430c83bca4ef208d728e81e715db5f587c24a6c00269aa4a9e63
		2 ¹¹	2,048	0.000203982	0.000185526	0.000183753	0.000207412	e94b54553a92630fe248b7443cee087c027ae1acb5d5d4163f4cb6faae0b57dd
		2 ¹²	4,096	0.000405107	0.000365194	0.000372194	0.000410940	dd4663e742523a7fde35e90301076517afeb7b6628ee86b075614fdc3eda5ded
		2 ¹³	8,192	0.000801738	0.000730018	0.000710700	0.000811351	5426990aa4a78ecf1da9f27909ea7d574b068c136fde9a483c61335eb51eee8f
		2 ¹⁴	16,384	0.001592907	0.001451991	0.001373947	0.001598756	64d6e13d582ea808a06d631e90d3a92647950a5c46667cfb6aa32cc86c202eb0
		2 ¹⁵	32,768	0.003136848	0.002844533	0.002605420	0.003104244	6393018e6a0edf797ae7ebf781897c964715e5e24b6ccbc95580e92e57808858
		2 ¹⁶	65,536	0.006004143	0.005403811	0.004799332	0.005920771	0d84dcf313233a698fae5430decdf5a2449a78f0d556475260648a2602bb00ea
		2 ¹⁷	131,072	0.011040029	0.009932986	0.008540903	0.011092586	020d9c3b0114050894d5d6884c221ebbd60279d0e3df312139922538cf921511
		2 ¹⁸	262,144	0.019553576	0.017702278	0.014981319	0.020824227	f2e6a78dca524052b98b9e4d530b9aa89a8a7092d8f26b20ccd0cdc93334e738
		2 ¹⁹	524,288	0.039788907	0.032000944	0.026721517	0.039812044	71a1b4ceb3c9c59166bd5bf302a5728c1e6f3dd941054fba5f7688f483ce6c87
		2 ²⁰	1,048,576	0.070583332	0.059831777	0.049713422	0.077697923	b5acd99f80ace9332fcbbc6dfa925054e6e339b26c5d5a29d8c45d1a420d020a
		2 ²¹	2,097,152	0.144038565	0.125606329	0.095337132	0.154738940	59c53ea85d93a54bd4f0d4b85c332f3baf6d70e3a5eed027f652452e6c85323e
		2 ²²	4,194,304	0.264664121	0.238853974	0.198843671	0.306340866	998dfee066e324bec5c8015e48544e96ff2230742b2660d569df696d22215638
		2 ²³	8,388,608	0.505434601	0.461392808	0.383781125	0.612043676	1c8987dc170481a078dbdcbb83da2e371746dd361cb12de5f4e0d34b3d53720f
		2 ²⁴	16,777,216	0.991980652	0.909449394	0.762961584	1.218315734	d47459c065edeecd859988bb95ebb114946b39fa2d83ce76f30fc241038dff74
		2 ²⁵	33,554,432	1.960448979	1.815872976	1.496035769	2.505358877	683994dc576ab3863c97da9c83eb5f325c452489213dc5eed8cdef9ba6c44979
		2 ²⁶	67,108,864	3.898636880	3.605157179	2.961445668	4.931397638	6ec57fb333a49eab5ffdce49b57b18fb1a3a1db30ba1e8fd1aa21d0c2731bddd
		2 ²⁷	134,217,728	7.800593928	7.208280818	5.890524292	9.865856100	a4e92525dac04915c91861ab6aa7d87aefe8ad073a16955ad4fe2a51808ecb2
		2 ²⁸	268,435,456	15.561210826	14.349003408	11.753654821	19.654573955	d935b17e3f2db8bbb468dd265e8f1c913384c4fb6b62e796c46731c69b5fa4f9
		2 ²⁹	536,870,912	30.998535202	28.671160299	23.481671211	39.235137396	34905cd1ccfa094cb30cfb19b3c6c3ce9879688d91b2a5cdb57b7fe1f3c0b0ec
		2 ³⁰	1,073,741,824	61.854109801	57.273927275	46.870362927	78.272681104	b981059273523b9bbd95d8591eb69a5e6a77fdf5834b52943a4b26765bc34ca7
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²	4	—	0	0.000000000	0.000000000	0.000000000	0.000000000	59aae9dafaccd7b4a9492c1685d3ccbbe4c3b5da94dcd67699d3725424719f5c
		2 ⁰	1	0.000001708	0.000001046	0.000001063	0.000001465	255a5bea9d4095146dfa5d23eddde9157a5334ad7373a51925f3ff25800934a5
		2 ¹	2	0.000002052	0.000001447	0.000001063	0.000002421	11cdc9a6ad8f1a6f566fe1df73d8e818a1d3fbf4e80769a6d89e750a0f78778e
		2 ²	4	0.000002399	0.000001872	0.000001448	0.000003051	317d5f9029a87928161ea6c1a089a835531d1efab9dee07f7df439ec8601cc4b
		2 ³	8	0.000003204	0.000002418	0.000001937	0.000003976	07874ebfa647002938a29da6ff03a4f35c8abf3714fd312bb6062db5aed9202e
		2 ⁴	16	0.000004633	0.000003410	0.000002842	0.000005220	322475271fa974d1402f417143ac82854271eabe2c71771bb8dc56ceca8c7c21
		2 ⁵	32	0.000006498	0.000005106	0.000004153	0.000007467	239c923bf497325c02853a3e9a5896caac3701d29bf6b1f4a187ad2d0d063d90
		2 ⁶	64	0.000009798	0.000008465	0.000007090	0.000011929	4ea18327d5ed1cc27a13e0cdfde337ec96864718c62a72dc329f35f024efb23b
		2 ⁷	128	0.000016015	0.000014774	0.000012268	0.000019468	c8f65dbd88760a4002d7a4e43fee5205561db19182582bd9e5af10fd85319f4f
		2 ⁸	256	0.000028635	0.000027225	0.000022185	0.000034075	70d301449f083f623c28a53026f996661edd5dcd17d98685242312b551fdf52
		2 ⁹	512	0.000055008	0.000051450	0.000042015	0.000062823	ca2aa1d9d4a2a935656bb9508e8830ee997a50f5e8d581403964880fc3b8958f
		2 ¹⁰	1,024	0.000106162	0.000100486	0.000083527	0.000120516	1c405ca6ae63adf30124fd232625c958f0d88b6bc197c091c331261e51c13316
		2 ¹¹	2,048	0.000209410	0.000201189	0.000167223	0.000233632	de734fbcee5711b888a991c145b691dcd32c8cc63c4fd25e8eff0778ca2dc7e5
		2 ¹²	4,096	0.000412334	0.000396826	0.000326740	0.000458446	cd037c448ac1f00a73c602cf83e4f7bf0084aaa79d6b3b9cc37f9b177aae6188
		2 ¹³	8,192	0.000823958	0.000781864	0.000648439	0.000912441	414818da6691847433422f84bf605612a00c6a28c384811dcdfd1279fa780101
		2 ¹⁴	16,384	0.001646712	0.001563121	0.001288380	0.001813110	2aebba09d7b50c5397f0e1a3232494ae549512c7f12e36559b7c055925ab4e9
		2 ¹⁵	32,768	0.003273475	0.003090881	0.002535060	0.003572316	9f8994f25d6f2813e4cc3148705ca5d33990b9b2cecc8f815a57caab4de73d90
		2 ¹⁶	65,536	0.006396077	0.006004379	0.004870562	0.006930888	ab9430ef873f126546f49a8384f7c57da9825b99c3533f341c9767e6fe6521ac
		2 ¹⁷	131,072	0.012103019	0.011321916	0.009009338	0.013297979	524c93f97a2ebfe2923c943e5696ac048ec9a28be75c587204869770e7a3b399
		2 ¹⁸	262,144	0.022193861	0.020726739	0.016142760	0.025593943	ec3c6810cdb07b561cc3a5fa132c216c2f3d97b6faec4b100c257fc8017519a0
		2 ¹⁹	524,288	0.041053733	0.038352178	0.029240085	0.049623375	17bc35b75ead86f0780bce978b21fa27fb58d3d80b47464e62a0e349eccec7d09
		2 ²⁰	1,048,576	0.080393943	0.072989600	0.055005687	0.098414354	a4d33b4367947022274ef3a2e41498e316a055436f767436e477c6599f82e4b
		2 ²¹	2,097,152	0.167103480	0.153166751	0.111725663	0.193488793	016dfa22b18055f2ee49342c40a03eb6dfbf3d4558fb8d423e46ff909e3535b3
		2 ²²	4,194,304	0.316270797	0.292045147	0.221366874	0.383563395	81d53711c6a59dd2019fa8117733359a66e6ad987bf27c736bd64953dcc8402c
		2 ²³	8,388,608	0.613552883	0.572341035	0.427165648	0.764140594	24e38f451fdd61365f62d08371e2f19fc144c7ccc0b9c9c23834f98bd4955ecb
		2 ²⁴	16,777,216	1.210913801	1.127301545	0.841157048	1.526322847	134c854b05ae66e17ed0cd060a0e2c3f65f679d142d2158f06e7de7d76c868c5
		2 ²⁵	33,554,432	2.401092002	2.237037058	1.678458783	3.048029335	87d6716e9aa9c1e75fd5ebc5bd11452f2825b99e9c12ab5570465c2c2ba850d4
		2 ²⁶	67,108,864	4.801643541	4.470776637	3.323772998	6.102612721	2439da0f4e372a72a215c6490bcabb96b582125439e1dee8f56591f0a4329d4a
		2 ²⁷	134,217,728	9.614525718	8.938185544	6.622264615	12.253720267	8f3be7dcc5e4d623ea24657a125f0de206fe8683f4a525cff5d6b85fab049c63
		2 ²⁸	268,435,456	19.214827051	17.831826234	13.220515821	24.547828435	4b0357d2f387fad25d4fb389b73dfaf444fd622246d2ef713362ee5142e2660
		2 ²⁹	536,870,912	38.365519042	35.629380343	26.408253369	49.020043797	e4a6e175f139c1f7764338275db8bc9bd93874f5bd2342b4650824e7aed51609
		2 ³⁰	1,073,741,824	76.508381159	71.170984134	52.757754329	97.850498797	f962e93aea7bc410546d2b7c46db16aad28f04d76ac89eb853aac296d25a067f
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ³	8	—	0	0.000000000	0.000000000	0.000000000	0.000000000	e196d4887892deecd4dd4fb71e12f55a6fbc91779e0867314bd0d6304f4d41d
		2 ⁰	1	0.000001420	0.000001501	0.000000895	0.000001385	e30d80d8c81703c5683724040df996a74cdd9ca0dd6e220d56a1b07aec571520
		2 ¹	2	0.000001829	0.000001816	0.000001210	0.000002014	02e49dd58ab9b93e8cc00ab979e7a12cbdd3ffa23487c0741b95d183286c56f3
		2 ²	4	0.000002261	0.000002263	0.000001595	0.000002674	4821ac9ea5abdd52332c166a7c640565d34d072db257e41aa63afab033a6b095
		2 ³	8	0.000003015	0.000002960	0.000002173	0.000003947	89ec52a89cf4f0edfff93874a6d08b4884828b6b78a1e95d5cb0977d047c38fe
		2 ⁴	16	0.000004556	0.000004095	0.000003054	0.000005651	f96e1c18da2f3c18f658109b39ed51c4fd06e444e3530f38b2d08f73bf1c584f
		2 ⁵	32	0.000006907	0.000005874	0.000004784	0.000008495	4f38fc3a9db2a6947b7994b2765079c1f749ef77a6a41c63c82b0f01fb32e863
		2 ⁶	64	0.000010749	0.000009635	0.000007931	0.000014138	2e5ebaae6a2fda5ff2e8b4ec0e451c529f77433d0b15f44d583ec1cb82f2a0ac
		2 ⁷	128	0.000017371	0.000015932	0.000013532	0.000023890	6a82a14c18719f1d27f901b4a24022cd5d358350ee74ecafe8b2b35793ed76cc
		2 ⁸	256	0.000030609	0.000028842	0.000024337	0.000041854	649baf7d89cb0036d77f3cd9a5560130a7209099b2de72affbcbcdaced419a479e
		2 ⁹	512	0.000057687	0.000054327	0.000045938	0.000075592	31dfa1fbda9aa66ef303137f1368898b1c79e0f4ec70f66fa153188fc98f4977
		2 ¹⁰	1,024	0.000114780	0.000107195	0.000090226	0.000144609	8569f17eb465506f9ba031ddb43fd3ea4bd1e0c4ac9eef664903152caeac23fd
		2 ¹¹	2,048	0.000227589	0.000213155	0.000179036	0.000281109	0a515199fd70c5b442b2d202976fa744df8384d0ff4e94e8fe7fd0dd8615a54b
		2 ¹²	4,096	0.000449569	0.000430596	0.000363801	0.000544759	89d185641cff3ce27abc3c4845cb1721c6c25739a0830bc6d94415692b8401ec
		2 ¹³	8,192	0.000890178	0.000848662	0.000715568	0.001062099	88e28bd3d091078e9c71e554abe49594708b873fca0dbc6d562464d076d831d9
		2 ¹⁴	16,384	0.001774049	0.001686723	0.001407514	0.002092735	01ee30efcd8141c5b831e5b6a62cf57b7bd78c6fdb7d4a66da9e7ff78df3b852
		2 ¹⁵	32,768	0.003511988	0.003325364	0.002722076	0.004116122	917414169e45e0da3f518cf7009db9b17db0b96048256c20676bae12aaed63cb
		2 ¹⁶	65,536	0.006867218	0.006432352	0.005161235	0.008013393	f3f7905583e9f0e8fe3004e9caff9a33f34894d5c1742cbe41cc1182d1ffec54
		2 ¹⁷	131,072	0.013030729	0.012054055	0.009365221	0.015433755	61110d291ef85ba19a345d46ecf7b2883859e83949b7095cb856e92a26c238a2
		2 ¹⁸	262,144	0.023998084	0.022058873	0.016521752	0.029653653	a1728e4b1e612592d2db2fc54b26a450251acffb8f0cc0a23964e53c21d461bd
		2 ¹⁹	524,288	0.044666104	0.040856019	0.029453266	0.057800744	69e793c3b8159f24d1b3eb0863d3fa0b2ffdedded6cf3ed9c526dd684b8331aee
		2 ²⁰	1,048,576	0.085769670	0.077916906	0.054740678	0.114696164	6405b9b3277a28e9c766af3e9b25ed1003229873ce986eee3cbfd2353544ed22
		2 ²¹	2,097,152	0.179386884	0.162985035	0.110016241	0.226383858	2018ffa911b4cb05b281e558c1acd95cf489c2ea59481878458f000b6686321
		2 ²²	4,194,304	0.343180067	0.311003743	0.218756809	0.449592585	27f7643458757b335d13ac48bfc9db71a5484136556967657eb3029feb5688bc
		2 ²³	8,388,608	0.672859828	0.606237853	0.421031137	0.897205167	727946458eba33044ae5a910f1439c37447dcffc597fe251179bf97fc80aa7c5
		2 ²⁴	16,777,216	1.326557487	1.199030745	0.827610365	1.794759142	9805101c65b14f6f69ad9cf336b72251263e270e3834a6eb4200708b3a12802d
		2 ²⁵	33,554,432	2.644743463	2.380903479	1.637582913	3.581577278	f8828cf55edbdf25566dcee21e63c78f8d41105d60a49e79fafe472efcad9bb718
		2 ²⁶	67,108,864	5.272356498	4.755406734	3.262973646	7.177148169	6ee3f091d079b61b369dd30a3e097cd10f35394a9d98ad2f19f399e85dff6463
		2 ²⁷	134,217,728	10.533724871	9.504221258	6.513630182	14.362983254	87495bbe20354102c3c4e86d7fb4404919f443c82f299e6df3bc9340df5b2408
		2 ²⁸	268,435,456	21.053243287	18.976990428	13.026688599	28.778615685	f6de2516c0b0e0f107c9b16cf334e6f268c86c095d10cd99c9354c2bf08310cd
		2 ²⁹	536,870,912	42.032649499	37.896475645	26.019160057	57.505572164	c9761d3d313dc4824c12f1c2f59adc1dc02a068ac7e90caa6c38e5008aec04c4
		2 ³⁰	1,073,741,824	84.314720107	75.738511525	51.980462647	114.896528343	e432bf47f3d042dbe637a100aa612bccf5c97d5fa9590346b8e57d280082823a
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁴	16	—	0	0.000000000	0.000000000	0.000000000	0.000000000	c0a2e77e8149bb6636d81d62ea40229a6d1e235a6358288019ff8a9360da00eb
		2 ⁰	1	0.000001246	0.000000943	0.000000809	0.000001443	5e2397f78796055ce3469e8c63f33d62844a5a4de88ba82033b3e84c47b70c3
		2 ¹	2	0.000001772	0.000001318	0.000001173	0.000002011	5d2c1805aa1583e1950cf2d8ba4c3336006d388f385f3c73dd7cd5150c96d5e1
		2 ²	4	0.000002385	0.000001781	0.000001590	0.000003132	fbb56e8df6307f358e1cd7f51331f1de13546f6ed9c6c7453b722737873158d9
		2 ³	8	0.000003207	0.000002438	0.000002473	0.000004556	e7665d664fa551281554db129cb6f9f65c72715bf45df180c143f23e844eadb1
		2 ⁴	16	0.000004674	0.000003408	0.000003323	0.000006670	f7a50c6027efafd871f39d33a06101c0ebb9681676ff1f23ec4dad10837d0e23
		2 ⁵	32	0.000007045	0.000005138	0.000004858	0.000010679	47e74885bec9b2e6f07e46c58639fe6fa1be6ddb571c036001301bb404a9b9f8
		2 ⁶	64	0.000011662	0.000008206	0.000007938	0.000017603	f56e2d9283e1d3bfd61a75f7830843b7238bf6b62e81a8f71ed4dfe1e2a655d8f
		2 ⁷	128	0.000020383	0.000014185	0.000013329	0.000031166	fd8235a45abdfa6917b96b7f69659bd25bb707c0b9c6936d6c9489c1bec5fef5
		2 ⁸	256	0.000036992	0.000026789	0.000024785	0.000055993	e0112704d7e61f6d33661abffa5786b0746b58c5d61825e09c84520cf29fc33d
		2 ⁹	512	0.000069754	0.000050974	0.000046442	0.000100977	f3338187a38fd88151b8dd8ca2e0464847ca588e342fd08cd7fcb2b2772dd077
		2 ¹⁰	1,024	0.000136032	0.000101704	0.000093178	0.000190468	15795df9e13362073761ed08fa0ea804ceac51df0df0696c7eca0206fece83f1
		2 ¹¹	2,048	0.000279724	0.000201052	0.000184557	0.000367080	0ce153630f3840f2b3bbc3b96cb8bc3d5ab965608b36474dade42007932576ad
		2 ¹²	4,096	0.000542341	0.000397453	0.000363184	0.000710863	e1622b8fdb9ba01a122556170321230a52a313d0b89264698a86a8c779d53570
		2 ¹³	8,192	0.001069027	0.000796416	0.000719080	0.001393391	0853c79cac174721f8b6080fe5517e6b5f4c40963e93e21ed18c8ae08f00bd39
		2 ¹⁴	16,384	0.002101579	0.001596356	0.001422978	0.002754763	b15e2919d626f32285904bfd962ae4fe77ae8b5d99595c20f757ed0245130c96
		2 ¹⁵	32,768	0.004105081	0.003179048	0.002787913	0.005456956	de03f12354ea7769f02a5ef603339d4f073a141de8e3a37f89a162bea5397cdc
		2 ¹⁶	65,536	0.007842060	0.006238334	0.005296945	0.010730993	ef7c1d16e3e414e49e2c4134b523e97d13ea50ceedc237ea5b994158a720117c
		2 ¹⁷	131,072	0.014666858	0.011930142	0.009723239	0.020953505	57501bb9cbac4c185b7d0f1b1be213f6466c81f17fc91ac209861c2181076ac4
		2 ¹⁸	262,144	0.027118665	0.022265832	0.017234532	0.040746110	edc8bab59deda8bac248dfa3a13433ad43a5b1a175504cb9bb7890b23058316
		2 ¹⁹	524,288	0.051062108	0.041916550	0.030887905	0.080923510	fdc09265bb98d43ced1801695db7cc6ecd1977cc861584732d3654d54e056c1b
		2 ²⁰	1,048,576	0.101676640	0.080726906	0.057657171	0.158087020	55bc98a4fb4dae84e60299438b7665f5da488143056445dceb19ccb632c73c2
		2 ²¹	2,097,152	0.205791288	0.168177083	0.118198660	0.313088117	e03fe3d273b06b18ba455b4a99b5e4cf8a0e625ab73017b5331b887d2afd0b40
		2 ²²	4,194,304	0.396905646	0.325177451	0.230259972	0.618545600	edc51ab0f7f8d52f8f02bc947f82f839d0cdcb2ab5efd60fd4ac5ad8108f25b9
		2 ²³	8,388,608	0.779364241	0.635319245	0.443769729	1.230834995	20f9a39c71b21267bd826729b558ac4f89b89ff84a7419bf093d49da7a17b344
		2 ²⁴	16,777,216	1.555782154	1.254911840	0.876646310	2.448051967	0d398e220cf279f21c0c50b9fd6eacf8016ffda010e7f194a5d20fb523480b80
		2 ²⁵	33,554,432	3.087163964	2.512493551	1.732404821	4.883217634	395bddc2e25c594245c3dfb635bd07aa9840854dc3260bae0d1c661e924c58dc
		2 ²⁶	67,108,864	6.159883711	5.003065240	3.435626202	9.856482230	d3fa17275d08225540abd70e037e7369af914ec0a33a402774edf1f87dd140cd
		2 ²⁷	134,217,728	12.301118962	9.982332599	6.863191393	19.749856520	1726a964a0505bf39c6fe56e8c6abad372d87563fa7222dbbfc442b644e8f73d
		2 ²⁸	268,435,456	24.584456939	19.922883776	13.701630747	39.550919554	1c19e54f37898460a050bd9015e6feaaafdc8bec83861545baeea042f56d8fb
		2 ²⁹	536,870,912	49.091309624	39.796073975	27.407864384	79.152350006	caabdfae77b7c6f9b4061cb4747cfbf3eff0e2231d108ae8a00e9f95bbb6201f
		2 ³⁰	1,073,741,824	98.138970774	79.538408787	54.776536717	158.185572134	32ce02b1c758178645b24c73c208c828050dfffc3e4c925e9bd4d349a34e226e
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁵	32	—	0	0.000000000	0.000000000	0.000000000	0.000000000	5796b2c8a5aca52512ec857e9d1155ff59da574be45a5c611bcf3cd54cfa9273
		2 ⁰	1	0.000001439	0.000001397	0.000000566	0.000001892	48252ba52620c52e03f652a436c504d11d63c2b0a8801a075fc3f511bf89de5b
		2 ¹	2	0.000001866	0.000001817	0.000000848	0.000002559	36b2bb756074975a3ecc6d588ebe7f4e29a162c70f985c1a064b571d99b9e92a
		2 ²	4	0.000002320	0.000002261	0.000001195	0.000003450	89463be93ec92ec7029a4960a3d9c676cd5f431e94cc6051bb2c22d29bd4697a
		2 ³	8	0.000002979	0.000002935	0.000001741	0.000005000	e9e84b105754477413fcae59a6d8393139aef5e9a8b0ec6ffdaa3b9081ea75c5
		2 ⁴	16	0.000004181	0.000004083	0.000002581	0.000007610	a7554a4d5606c719cf86a114f09db0295461cd5c63a5f1a22afd277eeffe6ff93
		2 ⁵	32	0.000006598	0.000006412	0.000004093	0.000011707	017b9bf4bdead67c22d1fdb3a56a3676da6173874d3e91e9e0e462f51d7c5841
		2 ⁶	64	0.000011005	0.000010238	0.000006912	0.000019021	d3b02207a0c6eca8c91afb50bd43c3e031ebf4d9a035c43da8f031baff736fbc
		2 ⁷	128	0.000019654	0.000017161	0.000012379	0.000032485	7943bc191ea2daca724b9ba15f02460f5056ed6118eb26f9aaa049b4d4f5814e
		2 ⁸	256	0.000035898	0.000031030	0.000022474	0.000058575	93e4d83b759606e896fd45764d478ebcefa2a785c92403c6926358c13db7418b
		2 ⁹	512	0.000070673	0.000058884	0.000042900	0.000107385	88f8c7489dfa3e4a0909659a81d7e93f4b3338164533f2b3bac73a82d80ab162
		2 ¹⁰	1,024	0.000137692	0.000117309	0.000083864	0.000201967	d4ca2232f4a79a7a5d54a1dbb3c9cfe8be948f9f4ce575ac4e313b7f528646e9
		2 ¹¹	2,048	0.000268191	0.000232684	0.000165812	0.000383469	76355e02b386fa061956abd25405c6f1acbe5be5ad36894039ad20b439ad06ff
		2 ¹²	4,096	0.000529877	0.000458364	0.000325103	0.000736457	e1365958a683ca54dc59f0d7995608d0960b41bcb0a1854b4917b535f13f0f92
		2 ¹³	8,192	0.001038582	0.000906921	0.000643752	0.001422760	15fc6c0f0944549525dbb96f194f515010a7be940ecfab4f7e38462b3ecbcb2b
		2 ¹⁴	16,384	0.002062298	0.001808707	0.001280633	0.002792351	876bdfc42f800c01ebb686010223c1ebe86ee89c6c68f830e77548053393916b
		2 ¹⁵	32,768	0.004055602	0.003565838	0.002537920	0.005451468	61c110115be5341863d4f1b00c1d50ee113db895d528b13ef676a231a4ce3b87
		2 ¹⁶	65,536	0.007849415	0.006944229	0.004920425	0.010776591	bc5e04c97137b62ef21de5c31b320dc7532765ff38f45e28698362424e29c14d
		2 ¹⁷	131,072	0.014788500	0.013090412	0.009147492	0.020820550	2fe58fffcc9722d4fee1c3d9e41ee5ca0e42db1704887754332b09e01ee546c0
		2 ¹⁸	262,144	0.027124240	0.024226267	0.016514369	0.040401349	59095e30714047d13a23c79a032b212c224024c584618769801c52cb0fbcf3c2
		2 ¹⁹	524,288	0.050286958	0.045296766	0.030074348	0.079218718	093f0abf2f92e33c9ece6ff70723347a1f6d7552a46ac5a6673f2ad083301790
		2 ²⁰	1,048,576	0.096016052	0.086948140	0.056861009	0.157785071	617f528bd1d47e2f7a8a4406d45a66007d4c9b68132795aeb2e8473f28e7957d
		2 ²¹	2,097,152	0.198746399	0.179892354	0.117031890	0.312647672	63b9844f3eee62124594f392e12ec243ee6bdab695a3dbd6fe404cd75ce4f639
		2 ²²	4,194,304	0.382097482	0.346365508	0.229014333	0.625553325	ef710d73d5491b5af81d93bc6be5361ae77afa101bb60e9c6e6a7efddcac4320
		2 ²³	8,388,608	0.747596737	0.680829689	0.441963412	1.246213305	8884560ad52381f0cb6cf0238529148f5e569c2c9129b46927fe34f30169652e
		2 ²⁴	16,777,216	1.487148530	1.346460858	0.874347650	2.491312663	84d453a2638cd76d21bad27499a670603faf2ba214809a9d71ec121abc13ca65
		2 ²⁵	33,554,432	2.953717544	2.679826678	1.725447079	4.980911083	6b5968345e13b5807927fe3281e4db3266d9ced45591a5df942b4b9f65cbd3d8
		2 ²⁶	67,108,864	5.898581402	5.355897413	3.430033678	9.996014392	a1f09f38f057d4dad40c04f4dc22b337e0c8d06834dcf9b2f03045bea0c5ec76
		2 ²⁷	134,217,728	11.781441241	10.703317144	6.845118411	19.962722557	4e944a49739f4c12e43cbf6083a398c91668244ecab32ea23b1a0e49acece56a
		2 ²⁸	268,435,456	23.538354288	21.389249529	13.673315613	39.889202650	7b591dab129b8d10f8f318edd5da751ada15a447506787bd4c598378cb419b55
		2 ²⁹	536,870,912	47.005628090	42.707998037	27.321175885	79.742485061	1e879100c65c08767ce1d0dd74af16bb0c11e8c42913400ae57e3c80e76d98fb
		2 ³⁰	1,073,741,824	93.917370033	85.361039960	54.640410844	159.407263017	d2f09c6e0fca76d6c8ee0e7e39cd77bd1b3901bbb52b10ba9066025313bf04d
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁶	64	—	0	0.000000000	0.000000000	0.000000000	0.000000000	c8a85d3247ddedd882a7aeff70deef6b70f810de15847c98d8a8425b513d05a1
		2 ⁰	1	0.000001560	0.000001164	0.000000665	0.000001807	fa8dabbccf4670258b2b4e3ec175407164d3c78a74da16472b88bbec79770277
		2 ¹	2	0.000001948	0.000001455	0.000000995	0.000002355	b161517dca24849e73efcb951e0ef11fb6dd17a6d37ecfcb0212366fbe6262a0
		2 ²	4	0.000002557	0.000001925	0.000001351	0.000003261	45625a53d13fc7f94b8ea98e7cc733a3d3085de06cdfbd877ce949f61748d4e0
		2 ³	8	0.000003365	0.000002635	0.000001941	0.000004903	9a4f8660e6c90f88d6cc5234575babf3d198e8151ff5f161608a2420a0ae725de
		2 ⁴	16	0.000004890	0.000003764	0.000002780	0.000007605	4498094454ce9659838521669606864e317847d5e7149c7eab29c84cff21385
		2 ⁵	32	0.000007622	0.000006077	0.000004429	0.000012747	95a30ca4093a007ade34461bab5cc1fd141bb3f3de34265c2ecf45fc07c2ff4f
		2 ⁶	64	0.000012420	0.000010259	0.000007678	0.000022511	14cadaf688d60bc5f8585b212932724bbf98fa27196c143f54baf531f639affe
		2 ⁷	128	0.000021081	0.000018075	0.000013507	0.000039272	f0e03b0e740d590c6a0cedab23ab70b7920cf794ae7d2be8bfdeb240708d521
		2 ⁸	256	0.000036737	0.000032260	0.000025637	0.000071166	31e7623a50c1264698d9cb37febf943c94c7ca02b30d3b02b3ec060e26e6eb36
		2 ⁹	512	0.000065751	0.000060113	0.000048689	0.000127580	67ed74a6d275ae66e9e9f0936d7af22db697961f66220890db94d28469915391
		2 ¹⁰	1,024	0.000127804	0.000118276	0.000096147	0.000237406	007b32e1a54a06da40d0569ba15cfa5bd92411fc2772b29f55fa3ed2ac618c6
		2 ¹¹	2,048	0.000256578	0.000235014	0.000191072	0.000444800	ad9244be0f6bf06a86965e659be4d53dc5ce7d3246ef0c32fbadfde011a4945
		2 ¹²	4,096	0.000498536	0.000468708	0.000376098	0.000841340	dcd2bf1143e7c7119016ebb8a85a387f490aa7e9f772dec8957fc997ce80e094
		2 ¹³	8,192	0.000994329	0.000928834	0.000753085	0.001624390	055aa3b78b856c10bd0dfeeb7431493dd7f2fc90801243491ae7c452007ebb0b
		2 ¹⁴	16,384	0.002012777	0.001847298	0.001498789	0.003182995	7ce2c895217612826ceafac51f0910f64a93452b9c6b54d025959d43e3dd54ec
		2 ¹⁵	32,768	0.003991489	0.003659692	0.002947929	0.006200582	cb9863f4883f6cda15ef25bec8f65760c7e71f1ccca31ace09664d2b45e9fd8e
		2 ¹⁶	65,536	0.007838161	0.007108223	0.005654649	0.012156116	b02f2f9d77ee7dfa1f716fb741f132fe6160b6c2458071dba5bfb83b18d21ff3
		2 ¹⁷	131,072	0.014910616	0.013536538	0.010421178	0.023841178	b2d5d01a5f917c68c637987ecb947ae9709da5056dae05c84b48a65f36bf2042
		2 ¹⁸	262,144	0.027846882	0.025327081	0.018489307	0.046818991	de1009d8a018f4084340e473b14a00e84544efd13eb5f1cb60bc6c193652c4a8
		2 ¹⁹	524,288	0.052486944	0.047829601	0.033115955	0.093061800	aa7d624aef56f623e5097938c2f523e77833ff1018eccc6914a4e0cb280e2b1d
		2 ²⁰	1,048,576	0.102202155	0.092362946	0.061586042	0.185753004	1e1e9c08358583e537ca6715f14ffee9494a81451f1cfc77dec8daed2c4873c8
		2 ²¹	2,097,152	0.209852359	0.190200913	0.131731511	0.370202262	9b36d5f22ffa76ba1425f40d6a87fa791768208e46935c5eff1252e5765d0018
		2 ²²	4,194,304	0.405138031	0.369917111	0.246589890	0.741093033	104bbf76ffde41d74334e2ae50188324e4e22a79f71fedd68997e985a944efad
		2 ²³	8,388,608	0.795269367	0.725111243	0.474192694	1.478316235	2bbac9671ebf0c1418a3a215fb17b630c383ab714eec599841aef1a64f0645ee
		2 ²⁴	16,777,216	1.579484808	1.437163128	0.928916006	2.966348214	62e20536ccd2a3431ed2d0593f3037fd92b73000d9a5b6e95aae171165b4bea
		2 ²⁵	33,554,432	3.151470240	2.861573576	1.851947068	5.928515250	150821321d68b98f194c7f6e8e3a15a1fb7373d5ace996d84ce3d705375552e8
		2 ²⁶	67,108,864	6.287100938	5.714139178	3.675107815	11.866494452	de10a827c2e029ea19e8af0b9eea8d1a92600e543477ca0b3eb99fc0aa4d31dc
		2 ²⁷	134,217,728	12.557670678	11.417921135	7.348448177	23.740920288	585f3011421e8eab2a0386c0d711b148baa8698fcc15a3b89ba05c603efba8f2
		2 ²⁸	268,435,456	25.087775834	22.825617717	14.648364339	47.470000621	6a2436b188b98d541a0acd1feaf5ae2a38a22ab880a12006461fa518e7867ef5
		2 ²⁹	536,870,912	50.102961490	45.586166961	29.290334167	94.859817422	eb050a9a8f33474b04db2d541b7df4b21d17a3e65fff79b0a86f4ea0af92d3e40
		2 ³⁰	1,073,741,824	100.142795478	91.114811075	58.412661813	189.556973909	f240e948beec1d7cd25cf0fcd5a36a606b06f6052494f202cf2ed3f52823bfd1
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁷	128	—	0	0.000000000	0.000000000	0.000000000	0.000000000	cf462b154f723e978dfeef38e2376df03dbdbdb193041ced20891e39e2d9359
		2 ⁰	1	0.000001302	0.000001173	0.000000745	0.000001429	dbbab2ffa68d62cbe447844027bc6ce757a51b8d53b91ae77c70cdc016140eaa9
		2 ¹	2	0.000001754	0.000001567	0.000001126	0.000002631	64536682755f9f71151110d88956fd3879cabe15c585f5136c4649127fa472f9
		2 ²	4	0.000002338	0.000002459	0.000001555	0.000003696	703b9c9e5dfdb7080b597370c0a5c6bd114e4e2790336b8f3ef3c23e93a789a5
		2 ³	8	0.000003119	0.000003147	0.000005416	0.000005653	53f8598c3e431c5e417db3272ed4bb9dfcb34d8d2243595c7c6d266aed9d9e8b
		2 ⁴	16	0.000004516	0.000004377	0.000006343	0.000008500	f51173e85acbe35f605a9cf5a54f1ae4bddaf99f87aa8b225d8c55801ee5058d
		2 ⁵	32	0.000007365	0.000006621	0.000008022	0.000013891	6474a458a6a2f6dea3ef6d5be78c928c38cab57dde885c3b104e8a3b78f735bf6
		2 ⁶	64	0.000012271	0.000010982	0.000010998	0.000024039	8847e02845dbbc7b6b07e6710119497750c7d54bcebf9a91565a6e6e1522156
		2 ⁷	128	0.000021157	0.000019408	0.000017081	0.000042907	492fd54eed584058cfaab3a667a1ab4932daf682977757824f77f71b41a6742f
		2 ⁸	256	0.000039078	0.000036513	0.000029077	0.000078131	085d8ea8e89b445f730347d2ef91b01bd8b66d4fbb58a2d42476ad2ff9176952
		2 ⁹	512	0.000073137	0.000068542	0.000051387	0.000143671	4d7f7a2231025d144fb52c8e0ee6bcc13e83f088fa7468ab874df08f4f1809a6
		2 ¹⁰	1,024	0.000140288	0.000135321	0.000099974	0.000272912	a51596265838af0b24571257c08a5d09d4dca6258e082c1b15fff81905ed59fc
		2 ¹¹	2,048	0.000277022	0.000269838	0.000207107	0.000518041	66d73d03159acc13789c10ef21757a71cd8044a0f60fbe4c0d7e7a5c12a75ac6
		2 ¹²	4,096	0.000551375	0.000532789	0.000398187	0.000988696	bab7166fec010d2b9909ea5cbf418724a8f918980b7873a3ecd0c966e55ffed2
		2 ¹³	8,192	0.001092717	0.001065607	0.000800108	0.001913022	3b7d57682315f45012e6776630297448fe9c2dfaeae84ba2d3e5899e0dd811df
		2 ¹⁴	16,384	0.002170690	0.002122650	0.001567492	0.003766961	2f0d107df4a8218c853ed6a6189eca2d239f33fc1cb2cc264838350b292b9029
		2 ¹⁵	32,768	0.004315924	0.004225513	0.003065663	0.007403347	5cee06457db6e46ff26fee7971a4ecf82bff196ec0eeaa94808236e98b845715
		2 ¹⁶	65,536	0.008527442	0.008440221	0.005836188	0.014410359	8bf73e1a6283121138786067fe7ba97f4bbc765346539ec4267210204874d4f3
		2 ¹⁷	131,072	0.016456133	0.016455323	0.010744282	0.028316927	d2077fdcd69675627b83b22d8077208edac9013b1ca4a87fe0d761287023884e4
		2 ¹⁸	262,144	0.031026563	0.031724945	0.019266159	0.057512913	c1c6e0b7d9a22b9312670ca36679ea844c58f9f3657c96ca9cfdff886cdb84d10
		2 ¹⁹	524,288	0.058969210	0.061172878	0.034649610	0.113360296	813bc43c3c997cc3e01133426c6fe7e821be4ef37ad51059f886bb4186ca7415
		2 ²⁰	1,048,576	0.120605410	0.123783244	0.064670655	0.224455866	51be478a433060e466ce2a72ac8504a5677e60eeea59712997f966e2b88e5b87
		2 ²¹	2,097,152	0.235620458	0.242419875	0.136442164	0.448338985	661984361c073c60ae81904f36bfb64dfdfc028bfe2f4cbd0361b6b875a7244f
		2 ²²	4,194,304	0.457020646	0.476696111	0.256735350	0.901305789	0958cf6481dbc86a217cfb6275b669a746a41da66ac9fad21b72a77505e42044
		2 ²³	8,388,608	0.903087758	0.947166282	0.496425077	1.800173447	2df800189373a6e076f6da354d1185b338f5aa0b608b4170eeefd00db4080d30d
		2 ²⁴	16,777,216	1.796215382	1.885320998	0.989703619	3.600647193	a8a3976a7cafaf661d210a86a07146737dccfbf83f412f65e4c386473b01a825
		2 ²⁵	33,554,432	3.570102467	3.760810048	1.950494792	7.227124423	e35b40076cee2e4f41cd2a2597cf8fd1ca90bef1b72d627d5662c0b9bb122e16
		2 ²⁶	67,108,864	7.130702226	7.523710051	3.882920788	14.424131305	dba2e7fe2b322dbfc4d0359367775a12f8f6194b682fcc0423bd27553758ee0
		2 ²⁷	134,217,728	14.264287691	15.040309146	7.750479941	28.867310607	6df31b604a5a0c420fc184a3bf023b71b22e88078d1994a542ef4af8e8932f99
		2 ²⁸	268,435,456	28.496869516	30.080876401	15.455980806	57.619167119	3d2165a91126315662f316e01489cc8a86f0d74d804bc88c6684940efccaa66c0
		2 ²⁹	536,870,912	56.935125957	60.124601692	30.871516422	115.169682060	063c980eeaf7766d7db76c3f940523a6d11a0852e39c784bbe6c13807b7a06c5
		2 ³⁰	1,073,741,824	113.736945166	120.196297625	61.654012417	230.212096101	4c894bed6ce34147ca5d48b774cdedac9402cd509de0442f16a1787c0ae20c4e
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁸	256	—	0	0.000000000	0.000000000	0.000000000	0.000000000	2444e2eb2b195e4318e50838d57aaf59379df31850c42b91189c98c894320e2d
		2 ⁰	1	0.000001853	0.000001213	0.000000969	0.000001522	7ebb93d8a7e0fd6413a69a80da8a01cad3db23b86546da2b2e721832dd98c41f
		2 ¹	2	0.000002379	0.000001654	0.000001318	0.000002280	fe7924597bbcd5d5f4be65bce88657fe3538fb99ab7407c1952c19cba7be149
		2 ²	4	0.000002973	0.000002234	0.000001762	0.000003392	ab97015fcb026f9eec5dd5f977ad3588d585df8671ba3af640abe36c246520fb
		2 ³	8	0.000004195	0.000003218	0.000002428	0.000005147	078ebc551387d76c5ba0d378b689e8cf0ad9efd084c18e741830c7253d8981ab
		2 ⁴	16	0.000005875	0.000004700	0.000003491	0.000008214	a929811a7017570ce219ca7ad2dd467e758659c9f1e802a302be86c10516ac04
		2 ⁵	32	0.000009272	0.000008394	0.000005228	0.000014548	829484ecc663af4930683e4451146c4f1b5aedd6e9a306e46f32b3f003121370
		2 ⁶	64	0.000015298	0.000014775	0.000008489	0.000025435	70ec68129e2c87f12eeb4520d080b885efe15bfbc53bbaeb1817d89b2930416
		2 ⁷	128	0.000025743	0.000027535	0.000014866	0.000048483	c3fd03cc7612da436eee90144cd6ecf19e24ac9dd68df7bc0f46ff36f311b73e
		2 ⁸	256	0.000046873	0.000051480	0.000027967	0.000089441	d3b5348faae1785a85c27dc2e2024f18eaaa3a85447da5a21b85dcc9bca43874
		2 ⁹	512	0.000087447	0.000098445	0.000052951	0.000168818	e3f0f093d7eac7e9eae9b4a57016542b5778511b2e5f739933d0974be33939d6
		2 ¹⁰	1,024	0.000173301	0.000193518	0.000104382	0.000327497	e4062610957c4ee89f06e166d9012e3b2fc40dff248afb8d72c4216eb00a81b9
		2 ¹¹	2,048	0.000340669	0.000388676	0.000205297	0.000632038	d8b2e9a83d10f761e978af20945e7e5b318fd999f26279551d11f869f45c525b
		2 ¹²	4,096	0.000673855	0.000770447	0.000405696	0.001221551	de674f7ac3c93bfec208ad9a545fcbf5ac21444f1ff72ab59e5d495168ce9e9c
		2 ¹³	8,192	0.001336786	0.001539464	0.000808177	0.002380127	e1cb4db0c46018135f0720d8d209a5be4e37459936399b0199f164701b6e1db8
		2 ¹⁴	16,384	0.002640773	0.003072757	0.001608461	0.004661560	91b7c91e497c03e27b2b619c8eb1d066c7aaeae19c4732daacdfb754188dbda2
		2 ¹⁵	32,768	0.005213500	0.006110026	0.003164431	0.009084066	483bb5615af140c53ce0c38be69a5f1553ea2b5446ccc9dbaf7a8eb45197e215
		2 ¹⁶	65,536	0.010167118	0.012163393	0.006087258	0.017816122	96457225f9d5cdb6c8026473bbc549ec74bfd2c9fba6c394c50dab41dc81289b
		2 ¹⁷	131,072	0.019342116	0.024002954	0.011298118	0.035015142	0acf887f756868e30c620670d475d695622422b8c063d8ec5376a66bb2abb8d1
		2 ¹⁸	262,144	0.036361802	0.047202589	0.020453745	0.069493044	bffc8dac6b54c7604efce0f1247465211e55e8f67ea04d26c4f8fb6c9622d3ba
		2 ¹⁹	524,288	0.068647773	0.093133927	0.037532839	0.137603177	119e3c5ab5e7a5e69c358029485f9367a44b75cd2adb1aafe6b160cc8ced9fa8
		2 ²⁰	1,048,576	0.142122587	0.188318792	0.070964586	0.274970176	8ba1296370874b29a1d01412fde3213804ba71911b5a6b60a3f5baf8f272e688
		2 ²¹	2,097,152	0.270697249	0.371714178	0.149387712	0.547253262	4cbc409d88285cf9d7ed83722a739977aeaffa68c2fad2064ff98e0949267f7
		2 ²²	4,194,304	0.525508212	0.740739285	0.282942180	1.096264163	122f0bbaa81da1aecdc5494e84e64ebf3f809b58bc29e8efd55c1188fda7dabf1
		2 ²³	8,388,608	1.041734343	1.474016424	0.549664468	2.191351091	6d7ed3e05660f13575fa8bd844bd96115ead555ac47281db41ed167b974a6d88
		2 ²⁴	16,777,216	2.063562872	2.942408497	1.096362116	4.383621870	ace5b638a2c379050386bbc1732428171980ede776b8be19c58f714b5d11a2ff
		2 ²⁵	33,554,432	4.107051966	5.881420982	2.163920980	8.777412659	f3db5d98e258c910243a9911931a2e4d7ad24dd9d39c6b2e21c5221b76356386
		2 ²⁶	67,108,864	8.224939588	11.763643513	4.297214889	17.560153095	615b7416e600fd54f095c12618c464f97303a868eb4a43c700fe9018e3af665b
		2 ²⁷	134,217,728	16.423070770	23.541219076	8.584643124	35.098831143	54a0a6af1def70bbeac94255413f86b3cc5dc15b5867e3e62fc74152e5989608
		2 ²⁸	268,435,456	32.819075752	47.034403157	17.134125084	70.181456774	ca15e1d9344cc8079c6c012488d6221ec587bd6d186d5bd518cddb7df2c14d46
		2 ²⁹	536,870,912	65.576911101	94.032043745	34.215101570	140.314848522	86a86e16e8eef53bfaa3d427a633b0ea722ab9d2e31bc5ee29731aa8df707c97
		2 ³⁰	1,073,741,824	131.109639742	187.998143814	68.373266011	280.625816948	d39aa814b53b32f968c5b55e53aa97890f4a06618a2cc4deee608958440ee632
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ⁹	512	—	0	0.000000000	0.000000000	0.000000000	0.000000000	36a4f14aa1f9051dc5a04c900d995e0bde7d682d581589bdabfc0c373db3a8af
		2 ⁰	1	0.000001412	0.000001210	0.000000794	0.000001399	768ef273e5cb8e8c51b4131b4b95528970fea40b766b06559727e504033b631f
		2 ¹	2	0.000001944	0.000001598	0.000001207	0.000002138	2c91bde9b1666bc687537cac13e6457d66e560fc52e96e243b9252fb1b9afe33
		2 ²	4	0.000002730	0.000002491	0.000001601	0.000003229	cfac840abe8aa38d01f7bc1681329ffe056ead08abc24f2c08f866ade5c10087
		2 ³	8	0.000003841	0.000003577	0.000002223	0.000004958	a5c4b3d6efdb7621837f79d01510517487fa26d3ee95c8e94fd3af1b5f8560bf
		2 ⁴	16	0.000005876	0.000006730	0.000003648	0.000008402	5888a00a549fb4354422468870b5a0e65e6cb62d0dd5188123f1398a6b790ce1
		2 ⁵	32	0.000009376	0.000011445	0.000005665	0.000014742	9fd2b313c8189039d78c2c342a22b58455f7ca2023777fcb2d0f6156dd4ae08b
		2 ⁶	64	0.000015916	0.000022167	0.000009459	0.000027200	03926c46e68ceb63d4287fe1c86e49393a7f044255aa6ae8df7551083aade477
		2 ⁷	128	0.000028891	0.000043782	0.000016602	0.000052667	f8ee348b0ed8ec25141114faacbe1b44979321835314b95af31cca4be2e7b1e8
		2 ⁸	256	0.000054101	0.000083475	0.000031522	0.000101538	c0ff279dee17556bd53db1cfd9f11d7c647575e85117fe252cf076f38d71675
		2 ⁹	512	0.000103597	0.000164332	0.000060703	0.000193851	456c3d83526ccae9a0b542e4db62675ba165b67f273773848aa4cbbdf67a2001
		2 ¹⁰	1,024	0.000204497	0.000331157	0.000133117	0.000381182	e18401e7af7cd3fc948cd2f4d47399e41f13cf5bba8cc98fb07a97d891c0c091
		2 ¹¹	2,048	0.000402055	0.000657313	0.000253895	0.000740315	1ac7d5c77e5bf86df807fec0ebd561a16cd577001eaa1a31ca3a2cbebbe27546
		2 ¹²	4,096	0.000792331	0.001312593	0.000499231	0.001432347	c29fee862acef24680c3199c1652898d3ed2a4427de6163ae87ae032c89e2de0
		2 ¹³	8,192	0.001586504	0.002634702	0.000979230	0.002812386	b44fabb23eb0818928eb0c15cdc464df2a96689577726be467d8eb7dac746a02
		2 ¹⁴	16,384	0.003146945	0.005247855	0.001930259	0.005491068	bc9c9f604ea162f8a9532751bec43b44f7133358fe1097b54e39a6aca4432846
		2 ¹⁵	32,768	0.006213928	0.010475199	0.003775198	0.010994506	df98d475d7557ddf4cdba6d607e83840f4ebb52a008bc86d07d62106cf1663ed
		2 ¹⁶	65,536	0.012125482	0.020929182	0.007268781	0.021750223	23a18072f4df22f769aac6476906f6f3d4c65ab96ed8d1bcaca294adb55fc2b4
		2 ¹⁷	131,072	0.023388356	0.041555136	0.013567323	0.042796866	60bde8389eb457991d89bfb77be5f57e229bd692348fb8e89bc4c529390746f
		2 ¹⁸	262,144	0.044632148	0.082447019	0.024910583	0.084825567	b14748e430f038c77514833449f79a23c7cccc2e422eba0a01d2023ecc855d9c
		2 ¹⁹	524,288	0.085527268	0.165894366	0.046091950	0.168475424	7e99f77e1b33cbbf514d09d650fc809fbd6f54aba38ecbf4f8e825a644e62104
		2 ²⁰	1,048,576	0.175724599	0.329010609	0.087775857	0.336066827	436a6ad0ebd129287a2dd620baae396c3f99ef9275684be9285821479b3568f0
		2 ²¹	2,097,152	0.339241077	0.655277125	0.182263181	0.672448087	bdb771a59c77fb86906aee02e4d48d1ced7f87123d298d951c8bc3f5a07d40da
		2 ²²	4,194,304	0.669432622	1.306834751	0.348937609	1.342049010	ec1f217404bee0a14fc7241b89d02b5b5b877f870a572804f9e4af49261d1c30
		2 ²³	8,388,608	1.323310747	2.612511582	0.683900833	2.682077839	19de0055b86bc03ed5f99ec9a3c7d03a5efa9ab304f89172ab886018a9ed0009
		2 ²⁴	16,777,216	2.632224629	5.222889713	1.350348310	5.363262546	b85f9a2316098c954a3a39dc6cde5adc9a9d1a1cfd8f0a9ad6c189dba88bed9b
		2 ²⁵	33,554,432	5.254912125	10.442065203	2.689526748	10.744154945	058a0642c125ee0f239baf5f12f77394117ba0d7bb9f19d259987ad67ef9c3ba
		2 ²⁶	67,108,864	10.504385141	20.884355624	5.366485712	21.487550022	a746262952006e04fb2429972e11c14ee1523b2fa90ff90a16d43ef208a93eb3
		2 ²⁷	134,217,728	20.967960059	41.754165024	10.729102084	42.968024156	752207ccf86f528428c93381319b5d403d9db2af02b5e289f58ac29bd4777298
		2 ²⁸	268,435,456	41.889340613	83.494200410	21.452472970	85.905288967	301768c43066826e6c702fd8bb6843ac8937f008e3494d35c7f51419eb5ababc
		2 ²⁹	536,870,912	83.719116254	166.969074166	42.856464927	171.768247532	29e12cd2c6ca2ca96ae22030440b45b196cbc286306d2a4230f1226586a71a25
		2 ³⁰	1,073,741,824	167.349782556	333.903976350	85.662589467	343.434985288	033116b00d8e0bf9d94f68ae06d067f706029bdf834d006f211057fdf03d29d9
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁰	1,024	—	0	0.000000000	0.000000000	0.000000000	0.000000000	c2fc4168010b8c0aec86a39b74648309cf13aa15eb24060ed2fc7a322aa2f233
		2 ⁰	1	0.000002158	0.000001634	0.000000854	0.000001669	5aa20c12ffd87ad0e3e5223724f532193b928886b7aaa0c535b71fa6ebabe6e3
		2 ¹	2	0.000003006	0.000002428	0.000001311	0.000002542	94bb6e84f688eb0daad1cb62491c518d005ad7eeec4dc1d06556f14b66dcde
		2 ²	4	0.000003946	0.000003948	0.000001830	0.000003692	b02062f8f5e006754917ced11e3b7efb82900d025f52bbc019632fa87a940b6e
		2 ³	8	0.000005604	0.000007091	0.000002896	0.000005794	0e595f5b99977617c50ece9362781b3e7845f616b9126146bc0f94a631eac904
		2 ⁴	16	0.000008181	0.000012467	0.000004192	0.000009636	eb05a4d511fa33abc62cbfd9d23b03bc61ad9b6bcd6fd5ab3c9015e20db345fdd
		2 ⁵	32	0.000012941	0.000022130	0.000006619	0.000016474	8a16f40efaba0333df33023e67bd4ad1038dc494c200e3839f76f4e86859be16
		2 ⁶	64	0.000023230	0.000041288	0.000011977	0.000030125	f50036d41bd975992cd42a3ddfdca3cce495cb567eed03a437e1a3a4e6d341346
		2 ⁷	128	0.000042754	0.000079267	0.000021809	0.000056836	a1ee8efc667848cdc9f4dca2037b30f03447acfc9d39084868527a760a03655
		2 ⁸	256	0.000081779	0.000156139	0.000041146	0.000110017	6e26ecbd53e32ef4ab69a612d20487f88395bd066581fe5f8e44e94516c06d68
		2 ⁹	512	0.000157759	0.000312285	0.000080481	0.000216671	d8c6cc7c91ee61fb0842cacfd55da488d7bdb0e55ef192197d84ce86969b6110
		2 ¹⁰	1,024	0.000312041	0.000625589	0.000155906	0.000422882	74c4efc474efe483d9f7502ec2688cc403b6eb40bb48af16ed84ec4428bea5a7
		2 ¹¹	2,048	0.000603031	0.001234713	0.000310992	0.000831888	9972b56d46124791dba9d98eea9aa890147272133cccd30d0c1e4000218a98f9
		2 ¹²	4,096	0.001173313	0.002476705	0.000612779	0.001622154	fcf0194e7160e175b02dd5cc3a1b17cc0a3ff5208a98fac3775b8f877fee23fb
		2 ¹³	8,192	0.002321349	0.004924580	0.001221201	0.003183157	b6fc701465888e728f9bb9ad7ec8082162dc983f21faee0da378bcd8341be8b4
		2 ¹⁴	16,384	0.004589497	0.009846895	0.002425411	0.006298999	b122351c454c666c76a5d35ec831758cbc4c50739bd5c1e0e052eafcb3293019
		2 ¹⁵	32,768	0.008977239	0.019614470	0.004783815	0.012492310	5dfda5d3e1dcf6f07f966eacd96b312a753d745e16e147bc01986bf8fc22d10c
		2 ¹⁶	65,536	0.017613668	0.039101968	0.009268665	0.024708970	24c83f39d414ea95fee40299b3692067657b0b7afb52cb26ce22419eeb723e0
		2 ¹⁷	131,072	0.034123864	0.077936997	0.017513212	0.049070817	a70442cc69af8d751e5413832f9a0ce1bd29c08b817b3def2e92548204eb66cf
		2 ¹⁸	262,144	0.066387805	0.156737484	0.032689269	0.097602193	7c1fe7bf4f2b47cf109751bf4ebc21245f9f2aa861ec4a0c7c72783113bf4566
		2 ¹⁹	524,288	0.132424174	0.311815367	0.061646279	0.194220938	f1d14a7c15542fe1f41549e79375f28a278e5f7c9e49796b96e600bbaeebb0e8
		2 ²⁰	1,048,576	0.259277013	0.621301222	0.126957212	0.387602841	25730033d02d2a011cfd35913b4fed2af10b7224a8614e31f59198f6b6199c53
		2 ²¹	2,097,152	0.509518856	1.239092891	0.244055183	0.773239791	580fee087bd914201afa31935cc218b1cc1de2631c473eb43e64aaaa6f78a12c
		2 ²²	4,194,304	1.010758251	2.475755907	0.473338780	1.545437837	e4545b97aa7c73ad59f531404f215234379101dc3d214a9ef7e3afd1ba62acbb
		2 ²³	8,388,608	2.011074844	4.950177676	0.933631419	3.088493471	7a5211245294d20bf74fe6ac51116583781968ea5a47879d41b5456c7e7682ed
		2 ²⁴	16,777,216	4.007985291	9.902291143	1.852177257	6.177640156	e418bd2f1670c7b14ec9b5cc4092d970bed7faaafba1ce4d78d22d9fb9851d58
		2 ²⁵	33,554,432	8.002706168	19.799476813	3.692052419	12.369955680	80534b4c1fdb525319ec7532843f6033ff6478bea64c34477dfb2a8bf6c98f11
		2 ²⁶	67,108,864	15.993208298	39.589114067	7.388019689	24.754426897	2e3f6e8555d59aaa85a24bd28ffede450607d7de1beb143602eb8216757720cf
		2 ²⁷	134,217,728	32.018951983	79.166089644	14.745999690	49.480335089	6de7fa14caa2b151ec61c025c4313c298d69f98e253807a2b96a615816d174bf
		2 ²⁸	268,435,456	64.061798193	158.315219639	29.501316663	98.920073030	ef4136947f6fd4adb9bf890372ff05ccc3e59490a86fb2af8946ebf97d9ba51a
		2 ²⁹	536,870,912	128.061647131	316.614619074	58.940447556	197.774072122	3dd8b661de015219ec22182bd9bd2305844f82e2efca496e156d5768972d0bd4
		2 ³⁰	1,073,741,824	255.917462140	633.176935575	117.788747951	395.383357293	6abef97ee4d373164ea06e14516e2827ea0952befa2d9748f3e3a95a2662c461
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹¹	2,048	—	0	0.000000000	0.000000000	0.000000000	0.000000000	b24bea23c3bfa8b6c46077a98019afcd4df269e5678eb1d2d2e33da74efd401b
		2 ⁰	1	0.000003582	0.000003548	0.000002477	0.000003955	b489c9f4849c506719c5845fb40187d9c8435b112f5e498d351475447e9e2b5f
		2 ¹	2	0.000004641	0.000005440	0.000002857	0.000004949	8b2a5579cb957385ab8be30e6b7d9023acc9bf7f52d02631c3d95db6c7351753
		2 ²	4	0.000005837	0.000008131	0.000003469	0.000006407	b5b112f74af1862b847a80de786454f3844cd1b499421f0dec40ff3bfa517464
		2 ³	8	0.000007826	0.000012880	0.000004363	0.000008642	827571c0d80a08480fab3b54310f41ae4074bbfcd342bbe124caab21f703502
		2 ⁴	16	0.000011928	0.000023365	0.000006225	0.000013005	6058ddbbb89851ad6f6e08f44d7149ebcd1bf6c1fdbd6d494c888dd774d90327
		2 ⁵	32	0.000019436	0.000042934	0.000009811	0.000020926	e001864bc83e550537e3c13929141561bda6cf81799d0b8aa6da22d31d1f432b
		2 ⁶	64	0.000031318	0.000075442	0.000015997	0.000035523	e60063e2348ff618e2c98469d8d16b5bade7abc7925a3dd73701d93a249ee082
		2 ⁷	128	0.000058177	0.000154516	0.000028823	0.000064757	44e448279552787c0c5cd31471efd04046803d52d2cec01775fa81616bd18564
		2 ⁸	256	0.000109085	0.000309043	0.000055241	0.000122047	22fe6124b7ea6b377358ec9c1ee5cb6f1e3585911c7264cd80dd2fcf046ac852
		2 ⁹	512	0.000209745	0.000632237	0.000106586	0.000237606	1c46e22664f3432efa8d880900670d7169bc0d65ac66d264f92169c0916e7311
		2 ¹⁰	1,024	0.000415067	0.001328862	0.000212634	0.000470162	9c1ab7c00805f4c3def9a5410443baa29108894d31b241745e0970cc16da65f9
		2 ¹¹	2,048	0.000819046	0.002876938	0.000417093	0.000927192	03b4d3004d4fc2dadf58623687eeb6cd0425ccc7658b2f7314f173098ab7f201
		2 ¹²	4,096	0.001653227	0.006264651	0.000826694	0.001816008	03221f4d1a7352d9b9e5d4c974a2bb7ca8751bfea42c6498b9fe7a3717bff5d3
		2 ¹³	8,192	0.003268402	0.012882709	0.001645015	0.003559706	8ea694e217eaf584dd4810ad80bb70e743bc9bd90ead40b4b858d63b1b2c25b2
		2 ¹⁴	16,384	0.006516832	0.026397925	0.003269738	0.007042896	1a83f67715e558cc2190281e4f9d982c2d99a2282a10ea513ea337eb85292837
		2 ¹⁵	32,768	0.012907590	0.053100778	0.006521171	0.013969297	a86b11ce620f7857716aae4b9716e6e398599f69d19f04e3ee6f695b7c766fac
		2 ¹⁶	65,536	0.025407797	0.106951813	0.012861917	0.027817587	01bccb86820ab43e12ca59d44b21ac9e853a726fb6dbd619f1d4cb2cb39daa5
		2 ¹⁷	131,072	0.049888213	0.214633797	0.024928458	0.055304379	6109e20ea6949cab9b6fe3a66b24081f8aeb327b45945ca24bb3075ddeab7b4
		2 ¹⁸	262,144	0.097760408	0.428692250	0.047942007	0.109832273	d857545d5f8cf9ea2080304d34e9132e0de796820bb52492e952d6d3c0c16b43
		2 ¹⁹	524,288	0.198464923	0.855284762	0.093066516	0.218633040	4896f5844250ae5fd02ab67a6bb5516a64472ed2cab7e1e7c79e0b90e1936cff
		2 ²⁰	1,048,576	0.386867478	1.708820797	0.191142882	0.436029805	08fb546d4f485c45bac21672f17ca48cc756185763200848a6090613defb9e6b
		2 ²¹	2,097,152	0.761012120	3.415879613	0.370958561	0.871594506	2e1260f666e97e2f19423fb581224e6ce4b7373108c485fbc7ab7a66edbdece
		2 ²²	4,194,304	1.515164119	6.832339334	0.730544628	1.742328402	a3f19a5c3d6e249f7f1cd9a3523e3d9f303d446d449a435598686a88cab4ebf8
		2 ²³	8,388,608	3.025025857	13.668900006	1.451217845	3.484670077	3cd6d6dbf3afe1766b108ca0ad3fce144a38a163699e11ea19487e67d8279734
		2 ²⁴	16,777,216	6.025318213	27.339074981	2.892042873	6.966210273	23a73301154bb0e984981c3bbeed20098f3b64cb8717fa2e0e8e478b53d1bdeb
		2 ²⁵	33,554,432	12.057877210	54.670300361	5.777879471	13.951246999	5b5de84ccb3237d9fd1bcaacb76bfe80cdeb41474797486ebef8a20837ad670
		2 ²⁶	67,108,864	24.114692654	109.322217008	11.563447138	27.915007986	dbc78f8d7faa609fd27e1c1627c2f9e57282e21c0a8de0a7136df1fc2c563b98
		2 ²⁷	134,217,728	48.198865900	218.630124050	23.116468524	55.811944097	b4fb445647d77e11ef5a92d7cfc2f1dfe4ca22350ea9815fe44fc18ae59f1d04
		2 ²⁸	268,435,456	96.292853510	437.224055460	46.207560352	111.691245290	b7c3d0cf80aa96a3011286eb25f631e2392054f7697eb60f100ca8bb62d8b826
		2 ²⁹	536,870,912	192.602149262	874.424036713	92.418778066	223.245990593	ec04641614112f852fbb1ee89531c885ac368398f7e83351093a94c1e6091ff7
		2 ³⁰	1,073,741,824	385.151495076	1,748.689407988	184.721573652	446.171093939	ce8703879c19ced6502939c4526b8b790777610210457e2fa54ec1108c33d957
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹²	4,096	—	0	0.000000000	0.000000000	0.000000000	0.000000000	62f62518f82fb017e39867dcbd97c0d5c2a49691212cbe65f20a9a34b03596bf
		2 ⁰	1	0.000003713	0.000005666	0.000003224	0.000003309	8554a3601e10cd53d5347323ac4514fbae843fc9b54d67a19282fc2c9232bece
		2 ¹	2	0.000005397	0.000009179	0.000003926	0.000004384	3a100d3f15c398943120bfef8f42dc9f1361cd5cc049803a5c9f4dee42e92c0c
		2 ²	4	0.000007075	0.000013845	0.000005036	0.000005926	e2b42019f69a173c37887282fe54e44cd489f0baf85d6d025661fb3f770e5656
		2 ³	8	0.000010885	0.000026401	0.000006679	0.000008416	589b2a5c11f8f1ecde5e8c947f63ec5d24a5b3eb4622eb0a3783d18f1b8528d4
		2 ⁴	16	0.000017421	0.000046351	0.000009184	0.000013182	7914cbf1aba36578fb67e192126e03c8f0f44b88ff758249c3588f192d7cc3c9
		2 ⁵	32	0.000029346	0.000085309	0.000014967	0.000021189	690e046252360a263a44508665f25c3362b5f0aea5bf2482988e3af0725a548f
		2 ⁶	64	0.000048986	0.000149943	0.000027262	0.000037000	95afb3bb5ecfae720aade9eb91e15d2a42da39bd9da3849c027a78a4f05469f7
		2 ⁷	128	0.000087939	0.000288697	0.000048166	0.000068864	44adbe86f2be47167665b3a493ce1c5549a61c9636c032e122493498c5953811
		2 ⁸	256	0.000169723	0.000591563	0.000090962	0.000131463	9898e4b6bd9155406af2f26b1c8825cf640ae1c54c3b04747b3259aa9555448f
		2 ⁹	512	0.000340081	0.001289538	0.000180324	0.000254342	4a2330f6a461ed3c18f048d688955fd0ad85a387f72aec476a9c70ab2e402d08
		2 ¹⁰	1,024	0.000682371	0.002897939	0.000359063	0.000500877	d7ea28e42fd1e5817837d711ec2e231e7760b77b32954827f9b36771a7cb6113
		2 ¹¹	2,048	0.001368884	0.006780480	0.000707058	0.000995087	337fd572a7d03c539f16081ab7f2838195ab674891b75fa0ea10e1ce3044db6f
		2 ¹²	4,096	0.002707890	0.015623869	0.001409115	0.001989062	ba2e06a404519849f5885c2bae91dd10b7eb25cf8489ed562fbb2c8b637926f8
		2 ¹³	8,192	0.005407632	0.034703311	0.002808962	0.003948562	d5283bff2de6cc1508b9e95f50763fce377cc50857dafb4ca7744346a5fff210
		2 ¹⁴	16,384	0.010854141	0.074138736	0.005609258	0.007877945	2b59cfa52ec24153b331bca1d1e255527c55b6ed074ef540842e7155b162c440
		2 ¹⁵	32,768	0.021632567	0.154547116	0.011107162	0.015689522	3ab119f52bd6bbaa3096b91495a376f567eff902610fb3392f76a4c783e553e5
		2 ¹⁶	65,536	0.042830144	0.311502462	0.021764873	0.031187541	24c99b48ae3916ac22a0b96d2f1c39dae9e50948ea5dc948724041d83fd73b15
		2 ¹⁷	131,072	0.084790316	0.625655382	0.042485489	0.061916406	cf430f40f458f7672e66395aab81cfc377b49bc9c2742169c8489901d7a47454
		2 ¹⁸	262,144	0.171496084	1.252359862	0.082792596	0.123621351	8c3577b59ac12c60f810bfd6 added21ae799cc4a541c5c6861b574190aba85786c
		2 ¹⁹	524,288	0.337349802	2.506156022	0.168978392	0.246161567	ea0abb0cc38e5f7e66905629abc2f2032749dda087c9a3c473fd3748c6121cee
		2 ²⁰	1,048,576	0.669222721	5.016756816	0.329001674	0.491465673	44a8ed4276c4a447ade0a33f53f22e9ecf2f54517a570b01e285f8b42bf05fed
		2 ²¹	2,097,152	1.330450945	10.038929526	0.647770371	0.980661950	a366c4da039db700a3717c69581d72f0ee76855039ca1fae3f25b1dcca12e311
		2 ²²	4,194,304	2.657380053	20.077065584	1.286705676	1.959869897	4b4e4b6c35d195ad542ee43b9b4b4b8431b66ca8cbd14451f5dde94c33e8a9ed
		2 ²³	8,388,608	5.309332627	40.145966917	2.562137628	3.918823498	79ed048797c4f9ae7fd2dafa57aa6e30aef60131455bf1b30b9debe78a3e553c
		2 ²⁴	16,777,216	10.620968330	80.300748930	5.127839849	7.857647163	bc429b3fd38c12e03d638d2e032bd510521cbe0f9d4fbebe3f219596ffef25e1
		2 ²⁵	33,554,432	21.251835184	160.595706526	10.246732144	15.710538849	48d7071a51f6e5058e961affb8e5252a79afc7e2a79aae4c24fecdb34b3ef9bc0
		2 ²⁶	67,108,864	42.484434908	321.129754602	20.476391521	31.397838854	1fcc8a903287942d4b626809f0abe3488b53dec3d5e2ab042b39452ab3a42bd3
		2 ²⁷	134,217,728	84.932500148	642.192341421	40.926249719	62.782110363	77c0ddc20bd83500e8d1cd6bedd87a41170496b37f94c3cf559242285fc82b3a
		2 ²⁸	268,435,456	169.845048530	1,284.368890526	81.806810530	125.522903595	c5b4b31839ea6bc103d8705aa244ea581fbad411dcf7c074afd0c8e6fa466980
		2 ²⁹	536,870,912	339.419553129	2,568.707589776	163.594322195	251.005744073	fb563442496291c06829d573d3b1cd7ba47e3015c3b1875e3230f29f32d0011e
		2 ³⁰	1,073,741,824	678.669103668	5,137.334751695	327.112283721	501.771409399	8b1820cf54057ff2425cc15e4260053ddc3ad8e3b588acf8839175623a4ba3c2
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹³	8,192	—	0	0.000000000	0.000000000	0.000000000	0.000000000	041f4f27afc7d248cfac56dfd8d2e15240ad14e527242dcb21412c73fc9bafbd
		2 ⁰	1	0.000003255	0.000003769	0.000002204	0.000003319	738bc12b0e20f193fd6fc5ddc73595b55aabaf7ec97e279537ecb433572e76e7
		2 ¹	2	0.000004960	0.000008362	0.000003959	0.000004571	5b4d72e7df38de4d2b9cedbc80ec45463be125f50d726a9490cb5510fa4d0352
		2 ²	4	0.000008188	0.000018529	0.000005934	0.000006230	ad5e1d105ee097f6cd3c547d3c1cf69c3132179c46d99062ea62fe4b7c3f7e3a
		2 ³	8	0.000013492	0.000037283	0.000008982	0.000009470	9c81f58de1bffd9ea5ef29b54013efb4127dd9d1222ec7f5728c71f7db450de9
		2 ⁴	16	0.000024472	0.000073115	0.000015475	0.000014667	4ee50da5221f0a66ddb0e96a0d4ca87f9d74f88e8231af2d6d5db3eba398e70b
		2 ⁵	32	0.000044947	0.000140845	0.000026030	0.000024424	cc2a77582e13a7e0cb4e7e24e40831ffc8301b18f01ec5f5d74ecb7798636c13
		2 ⁶	64	0.000082384	0.000273798	0.000046035	0.000042367	ebf99fb6dc65644802708b8f84dbff3695e6d93342a19bc62d1e1f1917e45108
		2 ⁷	128	0.000174688	0.000608034	0.000087855	0.000078431	49a7880bb1fc6249d493d4d2ab328809cbec014a1bacc98285d0584bfff7332fb
		2 ⁸	256	0.000339861	0.001221311	0.000169493	0.000148822	777838769ea07dc2e5ed7a328bf045565b23b3becea80188cfba62ceb3e85197
		2 ⁹	512	0.000663217	0.002499182	0.000330853	0.000287864	2381e76bb5e204bc5e100ebccb130889652c6d9fd5358ebfd8ed211a1170d412
		2 ¹⁰	1,024	0.001323489	0.005425268	0.000663844	0.000562861	7c7183477bc53e4a34f671cb20e5d20e938ba5c0d4d412cacdcefee2e54dfc09
		2 ¹¹	2,048	0.002643228	0.012355562	0.001327437	0.001111735	41fc4c655b5549ecb78e15dafd43d271ff301da1c17c006e01d59d0698bc855d
		2 ¹²	4,096	0.005274378	0.029371378	0.002633412	0.002222056	970a8ade0e309e52305d27b6399e097cb14b90ebd9490eb7bb5bc56387d6fe7a
		2 ¹³	8,192	0.010645590	0.070774385	0.005307913	0.004460870	6fb08415702d3cc2276cdbebc7472214c302f597aa15b358c0de04390ab3600f
		2 ¹⁴	16,384	0.021172627	0.159917513	0.010603445	0.009025041	90878a9693fd3c4d92d689bb77ab406fcadc5d0dc0aaa495f03200e9acc05656
		2 ¹⁵	32,768	0.042373022	0.339487552	0.021124904	0.018077884	c6412be46b0c09b550e679d062efc19dc9f146d92fadceb04521e08c6ddf17e2
		2 ¹⁶	65,536	0.084292248	0.696730882	0.042038937	0.036136262	a1dfcfe384c399858c74be2c05584056799bd5b33a0f680940d3e176ad7ab27f
		2 ¹⁷	131,072	0.170503615	1.414130375	0.083232863	0.071939714	53d6f799886206d814b457e384b91ce209de3f14c26c0ccfe74148fadcd4768b7
		2 ¹⁸	262,144	0.338650506	2.844960239	0.169092925	0.144833760	213195b35b40e253cde76c863715085b3e0c5862a5b787ce3f99b23763f6e4a4
		2 ¹⁹	524,288	0.669741067	5.707926170	0.331754465	0.287673199	c2cd2321ca9ed300faa3f34e33176444a73cedb06d39261f592e45272aa69674
		2 ²⁰	1,048,576	1.331567652	11.439505036	0.654577405	0.572628265	c4cdf3575c24c9b6f2b781cadb78f14e1ab7e2344a59bed565a89d86876e2ef0
		2 ²¹	2,097,152	2.654856423	22.889568722	1.295358608	1.144087076	3e2ff9aa6eab44bad878a000b3c6b4887e2a92ac6fa219d9dbf8a055f0b4a200
		2 ²²	4,194,304	5.302416995	45.804771073	2.579339653	2.284308323	eb58c6c40b2555b92bfea6924081d5e4c8ed7ea9438a9c4e7c4c5394e4a556d9
		2 ²³	8,388,608	10.597087637	91.622805138	5.153702234	4.566057183	b564ffdb76a88e9397acbbf36f835b9b380f2f28fc633108429b22f62e4d4ca9
		2 ²⁴	16,777,216	21.164929896	183.268787388	10.305007170	9.156254951	18c7aa623331f3569a91780047921b19e7d097ffe48f2ae4a91393b15e4ccc45
		2 ²⁵	33,554,432	42.257307335	366.570367532	20.592498862	18.310871270	5da2ee0076ddac8618ad9ccaed8a12a441dca6f9068a2dd7b3f3584647e9218a
		2 ²⁶	67,108,864	84.387790379	733.111801738	41.166790434	36.614916481	2107da8b0a6304780c617e5c913ab195cc5402ad57ff91fdd48d93a579875636
		2 ²⁷	134,217,728	168.519897344	1,466.215592031	82.294499167	73.172831149	8dc015b0e5968c3e6095f6f570e15350400c6fa7bbb2245d809efe269413bf9b
		2 ²⁸	268,435,456	337.203361657	2,932.349100958	164.519367963	146.263390365	7fdd85e4586545fb9a65fe1b1cd572b725e939020da224325d8e2ad785cc09b
		2 ²⁹	536,870,912	674.406517634	5,864.766992812	328.972994566	292.417544162	984819535b7901ca24edd2bc76e1fde7de1a36878da063b0fdb62b92c7a10916
		2 ³⁰	1,073,741,824	1,349.107386900	11,729.101375454	658.049514440	584.509325160	cd1e9698f528615539c08c7434ae62d91cc83f4d7c867b6e697b7dbb3d8c951
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁴	16,384	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ac61f815d155f7c3c8d1821ec238eb1db978f458728a9c5d11c099760dcc329a
		2 ⁰	1	0.000008224	0.000014262	0.000004426	0.000003606	b6fe7d5f0b9b0c4ae91ebe6ac390089cb0e79ee471baff9b25a60788c3e62ce6
		2 ¹	2	0.000013130	0.000030956	0.000007171	0.000004925	38b9742ee62445b0ca4b80c4422a81ea3310fc280aa9c9f612aff427727fde8f
		2 ²	4	0.000018119	0.000048215	0.000010750	0.000007268	f981e4cd0be9327812c633fb46569b445196819e8d7044e16031eca5f8ca0a1f
		2 ³	8	0.000026991	0.000073882	0.000021381	0.000010706	5198e35017de341446014faacd69fd8d9718c93d704138677c66380a8cb2938a
		2 ⁴	16	0.000044644	0.000136193	0.000036648	0.000016829	2d07e66b4e507e8c2899760afab2745aac478646f81885d12b6d093145be0dc3
		2 ⁵	32	0.000089832	0.000292967	0.000072250	0.000028456	eb2c38ee67f39d5990a75e4b62433f4967da633e289e44437d9181a29a3b08e5
		2 ⁶	64	0.000184781	0.000588319	0.000130212	0.000049981	e7523b0b205ef07ff46fc2ec370ff37ae08dc4639969daba8e562290878e9137
		2 ⁷	128	0.000350238	0.001169422	0.000229688	0.000091544	a67f6582032f2ccce9e02fe0d234e145d77f2dd5c246085b2810f4ec8afce75b
		2 ⁸	256	0.000693459	0.002451049	0.000406025	0.000171313	f99b7660a91942a046a7300cce4fe971289c6a321833adee64fe9b79f96271fd
		2 ⁹	512	0.001337193	0.004950440	0.000762499	0.000326936	30d9aa80394c3ed3b8add89bbaca8bdfd6804b925b60026a55756b91f550eb4a
		2 ¹⁰	1,024	0.002671224	0.010556612	0.001511451	0.000642446	a2c30826d263b842cdc39335a2ca1f1ee753b0407937b14b2875b05534ad55db
		2 ¹¹	2,048	0.005273575	0.023278032	0.002948940	0.001276781	7a6175ea45071e0cbb3170c4ab65cd591caf5f4c7236a5d42a74bf9fa0ce4e2
		2 ¹²	4,096	0.010719483	0.056365644	0.005844894	0.002554960	9290a80479e13691d80a9124a99ac9b96536058c3040c13700eb5ce2353a165b
		2 ¹³	8,192	0.021379081	0.145342521	0.011614859	0.005116184	061c58bf1ce63ba5b823edaf09007463d3f31ecdff6b0b8b590f850e60dbd70b
		2 ¹⁴	16,384	0.042867372	0.381721815	0.023086067	0.010278299	da05b6c89404ddd4569139f96b5edc5353aa76393b3fb4ec6a66d36fa80ba641
		2 ¹⁵	32,768	0.085609431	0.950134973	0.046153778	0.020620728	83a4c21a9fc9f4cc5c8b73f9dd37464e8315a56ee622ead485cb03825bf5132
		2 ¹⁶	65,536	0.173303323	2.184376819	0.092502749	0.041250404	a4662981663ab621e176693019fb2b26d5a1c94784b9be9a16d7e15f7fc05772
		2 ¹⁷	131,072	0.344271228	4.687596657	0.186153456	0.082483659	579b6a68c69f606aea080222128fc79edbafa8773acb725dc73e474291e1bb5f
		2 ¹⁸	262,144	0.684790900	9.696025116	0.368279293	0.164723892	37099792404556ebc2aa46c2cc2d2c6cf517d93504b6f196600e3c3dbd41d03e
		2 ¹⁹	524,288	1.365526837	19.703101753	0.729464780	0.329030231	a386562f5300bf6d0daec710b7e1974b090f03189d391d829ad65f84a7cceda0
		2 ²⁰	1,048,576	2.726814173	39.730544517	1.453286536	0.657539632	e7afffcf365fe9483f463f1cc673061ee0fb04e42f89781af7b40562a29e3cf8
		2 ²¹	2,097,152	5.450307096	79.780479637	2.898645672	1.317113997	cc16ca5c60bc3ab8b9cb3e5e2c4ca8343c01ea0900cef79e7f92a2adff703316
		2 ²²	4,194,304	10.893915697	159.864323685	5.794720344	2.631754775	f21dec4191e88d13fb7ab7ffca05afcb72c6589ca244013baa8a133999498c8e
		2 ²³	8,388,608	21.776182573	319.990482479	11.593758919	5.262500772	e09143e555912180710993559b1b8a25ebc0a2153a94165c95449fb2bb645a5
		2 ²⁴	16,777,216	43.547956798	640.078011232	23.181068158	10.583441008	469c821ccb9a935e790b85c50a24b4e771d7644b876e0e53ef4183abead7ee1
		2 ²⁵	33,554,432	87.008115474	1,280.259971070	46.333044245	21.156274775	4aba39459acb0512a5e401309f0c189ab313654d013f91d355e82d868de609b5
		2 ²⁶	67,108,864	173.807304511	2,560.803667007	92.635245326	42.251545748	b1d88e59c8e02743e7e27a4c807d7cfce7a97a94f248a98b0e3a1610ada274a0
		2 ²⁷	134,217,728	346.615171525	5,121.952332913	185.218418486	84.362518461	acdbf2396a54a268de5088bf24b06874a6fc4ebf1eb12dc536c15814f58b0632
		2 ²⁸	268,435,456	694.605949048	10,243.881748541	370.353490322	168.587959523	e3b8628e3aa7007329399a9ee30885846ed937177eba2b50aab53607f520cb1c
		2 ²⁹	536,870,912	1,388.317916414	20,487.763497082	740.564934890	336.921534383	466602c45888122530db87bbc0b2e50577c0352b7d27234ed854ff0a76d5d120
		2 ³⁰	1,073,741,824	2,773.693991791	40,975.526994164	1,480.917360090	673.569593838	9e3337189d4e6905f8ca80382260ea364864b12c87d778ad4b42703db854c678
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁵	32,768	—	0	0.000000000	0.000000000	0.000000000	0.000000000	0bd7d72cada63c2f47a515f6ce312221265c0eb0499259d6fd614fcb1706ded2
		2 ⁰	1	0.000014788	0.000032839	0.000006698	0.000004024	58e94de47721fbacf94aa0cf2d1613355c52743fd8f8ef3f5b4ec170cb50f777c
		2 ¹	2	0.000028014	0.000066671	0.000011560	0.000005451	98bdddff5f694d03032d1a9ba6769af5a2d264a6402e1879099e5c2e0d89751a
		2 ²	4	0.000043445	0.000096815	0.000024732	0.000007478	7a25750121a54d1f001c969071a464ed547b63991fbe1df559ce04bde1cd95c0
		2 ³	8	0.000064214	0.000145586	0.000046186	0.000011184	91cdfa6421b7a0a4bfe09ce8247ab101ac28024b9ee010b3f0c6a1fee64f9ba0
		2 ⁴	16	0.000105408	0.000253974	0.000073892	0.000017691	17cd46284e89463ca37b7831d5668500313a61da604a3ee2f0fbadaced72e43f
		2 ⁵	32	0.000216250	0.000630081	0.000133972	0.000029835	18ca109e604793f28fb22d6cd56d69997b0564c251f49fd1c50b3e4ae6526a10
		2 ⁶	64	0.000362712	0.001125404	0.000220932	0.000053035	ea7a9b27b2f941e2422892e03293f34a9cdd299d9656ae7874880d1c2fc963f6
		2 ⁷	128	0.000743238	0.002457509	0.000426590	0.000097647	0e3393021c5fc147f51a57543dad2db21ffa995b65ca5440705dc845ab05a46f
		2 ⁸	256	0.001373725	0.004794961	0.000802143	0.000184707	c141fb79308475d32f6e4e8aab7cb787d001cf590e6f33cd82c6bdf47e4927e6
		2 ⁹	512	0.002776439	0.010111098	0.001551860	0.000353641	a3b622c9863c3351ecc4c7b86cdf008ddd0d6b1008f778b0135c85e5b08199b
		2 ¹⁰	1,024	0.005497301	0.021219204	0.003023616	0.000692142	eb57a2da8d77454830d442305a968828261d228346ca320335551c876bdfcab
		2 ¹¹	2,048	0.011106843	0.046837517	0.006092089	0.001370617	b58af31c5369c9683ba9cb7073c7a39286574ad960752ddcbf87102df0b3d293
		2 ¹²	4,096	0.022265251	0.110148910	0.012185910	0.002739891	3dd5b423f110d39a37a9753a23cb7e28e813769d163486c5616ae07a1b61d367
		2 ¹³	8,192	0.044885075	0.283516511	0.024461160	0.005508067	1b165c8eb2b9f7ec567613335016ca67fdce3c9553aef9754fab45c5f54df080
		2 ¹⁴	16,384	0.089989555	0.786859619	0.049185634	0.011112546	74e518c1bb58fa1ba2c2b708146a94b2de940a4619d2ae182aab36b5f7f3d0d
		2 ¹⁵	32,768	0.180987436	2.291313420	0.099945421	0.022526387	5002b5e0720b1c7bbace2b0bb4abf24c55bb3320b24502d9a988a38fc10c157d
		2 ¹⁶	65,536	0.360475715	6.392012823	0.199095274	0.045477678	3be8cb2e95094a020233e723603860d1593ddd0fc76ef35c8ffdf494d58d438e2
		2 ¹⁷	131,072	0.717853213	15.780230018	0.395764031	0.091629294	9627d1dd4a33c641f2a70b5f52f5c654b32a35406a28eab65d7b7fd9f2bc6542
		2 ¹⁸	262,144	1.432807593	34.812514204	0.786623442	0.184024378	5f427b87d9b7f2e007d328c2d815096208c815238875c25b336a0cc117ceaaa7
		2 ¹⁹	524,288	2.860568830	72.830180438	1.566660535	0.368449895	125b8609eb92de892873298894b5a0ca82af594367e4f31a0ba2d85e27a5bae8
		2 ²⁰	1,048,576	5.722505015	148.932267707	3.126635893	0.737583455	29d0b2dbbf836cce50c276367b2e839cbaf84ced571faad13134b719c690131b
		2 ²¹	2,097,152	11.522038639	301.195538274	6.258498607	1.477995480	b668246e157734ba35eb63f8849c2a8fd81fdcf75213ca755122a5da33861573
		2 ²²	4,194,304	22.982816954	605.703319897	12.519298099	2.955798496	331d5b4b4e6baff168368be4ba693b8203ca9114c2c1464f7fe65ec7d1f09eed
		2 ²³	8,388,608	45.857300763	1,214.571847843	25.031995556	5.957444608	356b4db08d31fa265b7a7636554670811342d1f94a76feb4fdcfa345b7c40e7
		2 ²⁴	16,777,216	91.595775830	2,432.514842360	50.043659368	11.913796710	17c881c1c318890faff74c4df404e4ae2555eaff88d75f3eb4183a6fe10e2b59
		2 ²⁵	33,554,432	183.069240185	4,868.049450286	100.044536767	23.828703902	c3b69a6a52ec88c69bdb3ce3936140f93c29302bbc8535ccd66ff9ae5c0ca701
		2 ²⁶	67,108,864	365.823557053	9,739.070446325	200.034042299	47.580937974	9fb6c6b81c3839871721962f23eed00204be60695b71be8e8effa7cd1dee9e77
		2 ²⁷	134,217,728	731.566926072	19,478.140892650	399.942982410	95.045848513	9ca266fa79f1d810326519f5042d278d1196dc6f7980f5dbfc9e34115f9e099
		2 ²⁸	268,435,456	1,461.107480996	38,956.281785300	799.733405780	189.872417821	fa42892ab2020cfecdca8ad527e33969120a5d60e2db662309f400773dd5856c
		2 ²⁹	536,870,912	2,920.604671022	77,912.563570600	1,599.321402555	379.369851659	dbab606f0865004a5860a9e1b2c1f0420b8c210909ceaa3a799dec98e8298eac
		2 ³⁰	1,073,741,824	5,835.516397098	155,825.127141200	3,198.370363680	757.963491047	80ea3ed9d8d47ff08163a7c50f896a8d1c615c865997add909cbb7f990410aa8
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁶	65,536	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ddb8a7e10330231f480ac7bf8738f9daadc6b703d61ad327586e3fd390facbf2
		2 ⁰	1	0.000010809	0.000020161	0.000009187	0.000004462	e3f2e4df4d7243a0f6812ed63725714c2fd760b31c59be523006a0014e971256
		2 ¹	2	0.000028564	0.000067722	0.000018414	0.000005995	9036417ba49b942cb241a624c81ab5a1640f221c486e36525bbdc6cf7a1cb71c0
		2 ²	4	0.000055062	0.000136550	0.000031638	0.000008492	4f4001eb52adf76607c2a1be68038f7e858d81e23af86221d2e850370e95517a
		2 ³	8	0.000097661	0.000277848	0.000066926	0.000012458	92272d70b1040eac3b2ba1d0db045c5a51a4932094c58f6ad63f93936dc5846c
		2 ⁴	16	0.000217612	0.000669359	0.000130179	0.000020660	348774f437114763cf40fb57126fa2eea955e9c95cb1689196212c36675652e9
		2 ⁵	32	0.000413521	0.001392128	0.000271337	0.000034532	2f4b988c9900d199f48c129be89883e4175fd0bf991b8fcb8d46399b7e41e04b
		2 ⁶	64	0.000814820	0.002790916	0.000533402	0.000059948	474e2d3ce8d1b1a0c94a2a21f6d80c137ceaea36cb82879e875495bd8b28e31b
		2 ⁷	128	0.001594464	0.005559718	0.001008188	0.000110911	8e9305fcbd1945ebbef1c55da00fa541a71ff839b45d6e7bd5d7f12972d2b933
		2 ⁸	256	0.003255975	0.011538817	0.001864572	0.000209981	cd0b3349e0e509cdf297a3512cc4b426220707b37505d27c074339358ca379e5
		2 ⁹	512	0.006274818	0.023016814	0.003627271	0.000404630	b896fac15a8ce8ecd67bdeb77a6ebac68b76e95a5329412a3f1b2b393efcddaf
		2 ¹⁰	1,024	0.012131109	0.046038862	0.007063018	0.000786195	1329a45001760fbf9db969fbbef86c7996485a6118e9b57b4f874ebd77ff4d41
		2 ¹¹	2,048	0.023985007	0.096978383	0.013997563	0.001542202	88a9d7429484f4f4c828377b01e93d0709560bb32246f10e8146fbf5420b49c3
		2 ¹²	4,096	0.047555900	0.214805929	0.027719573	0.003067365	876cb0e6c0483dd77a9a095530b4feb5bb8ec9545c8574ac2ced0eb621b0b9e6
		2 ¹³	8,192	0.096860202	0.523518288	0.055394609	0.006171724	3cc8a6dea055ee8104786388db36ca1c1fa5a57e3cc394ce163b0366422defca
		2 ¹⁴	16,384	0.193018046	1.396508036	0.112197591	0.012463987	4fb86806fbe237b6d7e6bff1989c82cf8ebe21d7f66ed4b7c9b82948a1c577ac
		2 ¹⁵	32,768	0.386654590	4.055859003	0.223656042	0.025482457	ad8e0c70111bcef224e29e9465e6f87852ce589079222464ef15c617fa2a1a7b
		2 ¹⁶	65,536	0.769550165	12.029272476	0.444829498	0.052421677	c9beaf6e3dbe40658a94735ae47e96a32c1a50334a2b212e4fd83577fe019cbe1
		2 ¹⁷	131,072	1.535178968	33.844800961	0.888143750	0.105497419	8d45e8531fa0e8add1912eff181073c0759ddc57658547eaf8093feb08cc19f7
		2 ¹⁸	262,144	3.069112390	84.825549084	1.772824099	0.213553387	84c594de72c33c0d36e5e63a384dca6c0c81af53ecbb1b8528ae15c2c6153c41
		2 ¹⁹	524,288	6.146257902	188.391514317	3.537610830	0.427623775	ae60107b700d13d3cc4f883788727e64e854ac7747eaf8be3d46a4fd3c8889b6
		2 ²⁰	1,048,576	12.285781869	395.601284865	7.082137882	0.853699961	13a4383e5ba7a35bb704052eacafb97b8ed1af340acb0f88ebbad6eec50dab3f
		2 ²¹	2,097,152	24.574512415	810.628009732	14.163800822	1.707941828	1130626a6d691579b65cc09aa001fbd1bbbef29901588c313e03ef6a938eb915
		2 ²²	4,194,304	49.142761264	1,639.813430993	28.365210322	3.422051028	59507ea2eab4bd573bb74ef93c01a10bf120b66e85216daa0b4fa48fb89c82c8
		2 ²³	8,388,608	98.283260518	3,298.592404707	56.814522898	6.900374269	7e8b3561775f07d47cf7d507d22fb2d3bf95cffa3fbfcef628ec625c334bf56cb
		2 ²⁴	16,777,216	196.507586463	6,614.917668122	113.700767852	13.795936176	57d99f2e128f66cbb9164e0c79512e6b69136086c92601ae2780567c7d33549e
		2 ²⁵	33,554,432	392.881180472	13,244.598884292	227.443264023	27.592681092	43cb0f6ba440b67b531b5fa411427e49035d1eaa7b8b9ef9c2937839d6b60557
		2 ²⁶	67,108,864	785.560692574	26,489.197768584	454.875186027	55.433820379	b939b648a641b72ba74eb5aff327549e0cf9bac0954e39c5f56d4e9538a0b8b9
		2 ²⁷	134,217,728	1,571.081295194	52,978.395537168	909.728827847	110.274663843	8fadb117a3e234daca504d392ffe0eb16359dbf96c7ff658688d3f979019d0c0
		2 ²⁸	268,435,456	3,141.985292040	105,956.791074336	1,819.257417140	220.023406532	a215c54320dbb320ae0fae7d86f018460b21d5d24a5a91329a393ba03380d943
		2 ²⁹	536,870,912	6,292.291532311	211,913.582148672	3,638.545104432	428.160223492	823551de203aeeef91260b610ff0843c2b3a0c9419f9afdf3f7525421a3223af3
		2 ³⁰	1,073,741,824	12,584.583064622	423,827.164297344	7,277.090208864	843.096775503	c0c71e51b3a29b9a565654c04f541d235640c0cde7c250887b412777a86067c0
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁷	131,072	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ee4b6a54068f68ada25d5d696f15a17e811f47a8d2723626e7d26a703b50e1e3
		2 ⁰	1	0.000020870	0.000078154	0.000017700	0.000004652	ce6c09e06128ffa2d872ab6b7dad8a1e129df4ed83ad98278d6cc1b14752c7cd
		2 ¹	2	0.000060371	0.000201918	0.000036469	0.000006591	2db0789f8e3874ea07a06265a3eb25e3e6966641319fcc8fce543feadfa6ca68
		2 ²	4	0.000131152	0.000428822	0.000067977	0.000009466	56cb08e870f39c497ef2a26179898a344fca48849b94fdcc8eee3c2e111f70bf
		2 ³	8	0.000281166	0.000919925	0.000165762	0.000014237	12333b0fb1934ba86b31fffe29731ea9545a77f22e27465bcf67e0c09681f938
		2 ⁴	16	0.000481403	0.001620341	0.000347947	0.000023067	c5d930c968c1ee8187984d1cd22adf542f715471dacedeb6bb656ecbdef8240e
		2 ⁵	32	0.000850198	0.002831537	0.000666295	0.000039773	d70f2e7782b1e2752bb4c46c45c20cda2164d1e98b132f1dd3f6879ea8c15867
		2 ⁶	64	0.001555662	0.005210977	0.001265034	0.000071627	9f34b9b2d20449f6ddf56b3b2dbc93ff58347dd9c36b9c73a3e793597480cf9e
		2 ⁷	128	0.003251882	0.010985635	0.002432185	0.000133008	e7cfb386e1d2a51dfd132a5539ceab4397a88d0c0391f09d87c4e40dc0f1a390
		2 ⁸	256	0.006807662	0.023165454	0.004852956	0.000251402	5e9c05f7bf588d93f72577a88421e17457a0bce41b1a9de567ce6d87ffdcde6f
		2 ⁹	512	0.013714005	0.047968133	0.009415674	0.000482713	98a4aed8c645a3e3606ba9e34acb386c2f73b895260dd8cd7719d8251a3f181f
		2 ¹⁰	1,024	0.027434873	0.097736681	0.018903005	0.001031241	a9859ecec8804e644f28252c77e8f99b1d5a1f3fc63090a0eab9721f8626d339
		2 ¹¹	2,048	0.056164641	0.205157956	0.038443013	0.001982518	e00a7ae8db1ee433fecaddb154f7f9b76ce43de200f3eb93261f0b0a749d40ca
		2 ¹²	4,096	0.113626009	0.443590570	0.076201026	0.003873404	7a972d19b5760b299aab4e17470722cfac67a8b9cf2366e47b78d733ad220431
		2 ¹³	8,192	0.226689536	1.002487398	0.153441840	0.007682176	7ecb64fb8e00a0afb19de47221cbf72b6a2f82d1e56f240275bb0f770f4630bc
		2 ¹⁴	16,384	0.448642582	2.431962636	0.306116318	0.015305712	494f37752ea9deeb1356758f3394926b527f29c90630eab378e85d89b83feaa8
		2 ¹⁵	32,768	0.890455642	6.530404529	0.609065433	0.030634430	48e6e8f7a02580c9f1c9950ab0a82e7b88d68b2e397a21bfbeb07b198e021d43b
		2 ¹⁶	65,536	1.775569922	19.054480456	1.213649846	0.061796492	4e56fa5ffa35c6315c77e5f0d765b302bb7c03f1d7d60dcb9e142c14b99ff711
		2 ¹⁷	131,072	3.539235424	56.616164286	2.421061251	0.126458669	a2ade5a10fdef78bdc6bd3d4e299f372adedeab798cbccf1c533c78a66708a02
		2 ¹⁸	262,144	7.080370751	160.088039206	4.834136402	0.256468924	abd9ade1e20f07652ab7e9469ae3c6e1c98e17442f4967bd9f387c3d9c0d75c9
		2 ¹⁹	524,288	14.175094374	402.174164799	9.683479522	0.518687163	9e2b8befade7d7a2ce4647930cd97abdf02975474ca9b8a534b7085d085581c
		2 ²⁰	1,048,576	28.326987321	893.336312030	19.350433556	1.045365159	060c53213e6d109042b7cbf7d3c784145e89402def097b9a3127f6fccb7727ec
		2 ²¹	2,097,152	56.661546604	1,853.423961194	38.713786834	2.102485018	0e0fc58703b56eeac1b19a1d20dbc035c225b7092f9147439c08c6474ff5630d
		2 ²²	4,194,304	113.370380924	3,698.093385333	77.421189523	4.219472560	e217546418822e74a2baa9b7a60294587e3eacc93b0f220b0f144130442b494c
		2 ²³	8,388,608	226.618458708	7,383.358349726	154.751186897	8.518655382	6fb1f95e043677236cd427c8e0bd8a20da805c7a57a81141a98e8d40148fe88d
		2 ²⁴	16,777,216	453.316327964	14,766.716699452	309.462054836	17.069693730	05ef097bc0f27f617c0294cb8fbe758c4e5105e727780f2363a9245b93096d7e
		2 ²⁵	33,554,432	906.501732186	29,533.433398904	618.827601496	33.979756274	8482c53e9672716d223876b2b3d1823e8d5b37791750c0796a589df1c30a55a2
		2 ²⁶	67,108,864	1,812.271615053	59,066.866797808	1,237.467068028	67.708562583	6bd54a422abf2552eb2fe42e4e83a65ae4e6b8d8c2a41842a8af4ce9af18cbe8
		2 ²⁷	134,217,728	3,624.435159312	118,133.733595616	2,474.900150339	135.273211637	a28a9c5393f80ad2734f890353cd049b97d0bdd93d4d52856328c85190710e6e
		2 ²⁸	268,435,456	7,248.870318624	236,267.467191232	4,949.990749392	270.129700188	6b3cf196780f339fa14ed214a3abe12694b4c222c7253c4312dc44b237a34331
		2 ²⁹	536,870,912	14,497.740637248	472,534.934382464	9,899.981498784	539.501119880	650b822bf3ff472156c61d331df956e8d23d2d0f0ef181be4eb401736d0dbdd5
		2 ³⁰	1,073,741,824	28,995.481274496	945,069.868764928	19,799.962997568	1,080.005568835	8c79ed27bf73e7664f470b7deafee510b1231ced8ecb26fe40659358730b0f43
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁸	262,144	—	0	0.000000000	0.000000000	0.000000000	0.000000000	1e7e3dd38201e1582b727bcb6e3809343689f102c0bdd173021682200d77a437
		2 ⁰	1	0.000060100	0.000260665	0.000048672	0.000005471	63b84a74081fa0cac3ca0d150b131ac5bb69a7ff46c9d40087772a6372be1803
		2 ¹	2	0.000085693	0.000345343	0.000056375	0.000008581	8f71e66d23f8ca01ab12b11ddbdecb4ad07da60940b992f2b6cd4601af9991b6
		2 ²	4	0.000162129	0.000633473	0.000117305	0.000014745	a12c198621cfb96b9af1c63da545fb627a6cf7a25eda6c668b3297733f32ec82
		2 ³	8	0.000499484	0.001661017	0.000289063	0.000025125	3d028608b69622341d870903011b622e2d2b5733ae2607ab6e71600296c45436
		2 ⁴	16	0.000795812	0.002715589	0.000540623	0.000040610	86135342f2ffe44469584bc19111505c5c7dba044199b2f8424879bb4a2a42ae
		2 ⁵	32	0.001783884	0.006139116	0.001257747	0.000072807	07d286371ff104f55c52f8b18a16cbd1d2667edbaa580a3955032418b3c1c8cc
		2 ⁶	64	0.003698525	0.013130142	0.002691863	0.000129415	092f4072331a4a45800972f2e0c2ce447b23107dc13447699cc1b63f53fe9bcd
		2 ⁷	128	0.008053153	0.030144859	0.005478661	0.000233362	469befebd19e3bc013e3eb5bf62a29ba99f5fe584c1feff8000dd07c1f6cbebe8
		2 ⁸	256	0.016505621	0.057827095	0.011514534	0.000427880	d4ddd77e66bd03fa7770a5bbdd539f5eae88cd8eb912ea1cabcdbf20f3ed01bd
		2 ⁹	512	0.033043093	0.113253467	0.022426713	0.000794530	4b8e16eb3ea8e2426c7448a98011c5f82b4ea8340ce1afd17b98aa65768ca2dc
		2 ¹⁰	1,024	0.064996389	0.223859566	0.044243297	0.001511141	6581765d30726dd478998f0b258cc068521ea2a3b74cfd02bac3421a635137dd
		2 ¹¹	2,048	0.131446777	0.459975833	0.088740251	0.002876966	917012f095866eb535e065012b775210a11eed7bf43c89f455c51323d12d86c3
		2 ¹²	4,096	0.262927504	0.952495381	0.178662731	0.005502350	f44371a15154e28efcd44545feaf16c9cbe7c2d9d83af498a3d9b30f1a36f198
		2 ¹³	8,192	0.530773184	2.069032626	0.359520804	0.010821262	af265fb0e9bb7d9b1c98ce949df753d4e34ee1cd6ed4b55c0c59dce74c966299
		2 ¹⁴	16,384	1.057783801	4.714934420	0.717847451	0.021002226	b45ce3eba7e83ad7d7db1225ccc0825f0e359b02ed420b1f45c43078edd00ac3
		2 ¹⁵	32,768	2.119343153	11.757999535	1.436437405	0.041335777	deb472925341ed9f0823510f8186a0934b3ab7568e6273ef92bf4499e07c275a
		2 ¹⁶	65,536	4.242191793	32.139004051	2.872557827	0.083021152	d06964799006a41de4624ca310faf829767b088cf864e2558be7f6255504d381
		2 ¹⁷	131,072	8.490431983	94.448148468	5.734454623	0.167641546	4b093278c3d580a0cd8dc9f91e0382b4b1e792c65e86f8f78373a3e11085ae40
		2 ¹⁸	262,144	16.995435336	283.174616171	11.474508464	0.342159128	202368cded46b5ccf6ab295bb53648d35e0cf43fc0672d2ae33c03e1f59b7b31
		2 ¹⁹	524,288	33.988921612	804.190644377	22.944162980	0.699462097	bfa97ffe9f1da5632eb583b3d91130a5c35c20b4f8d71c5cd7327be2ce978d5c
		2 ²⁰	1,048,576	68.018446325	2,120.747470814	45.908786883	1.425672323	bf9af99f6c341e3839649badf7762f93f0246f8f1eb8a23be8c5bcc9d93b950a
		2 ²¹	2,097,152	136.134211305	4,829.876356793	91.877874666	2.885997109	d01e2b51fc094648a18cb7166d61e10340a371546e7bcf822ae21738729ca8a9
		2 ²²	4,194,304	272.227307908	10,252.516223570	183.745819757	5.803134747	d6f110e587a92848734a74519aab72035e6d7cbe40d343ef9aaa5b8452933125
		2 ²³	8,388,608	544.434022542	20,505.032447140	367.408772451	11.701335319	f564084d564655a54c1d22b0b2447e05fd6bd2c13a27666bb88ad97ff077a978
		2 ²⁴	16,777,216	1,088.862942208	41,010.064894280	734.732684302	23.501305264	389327f1cdc456583bc1b2a204e8a2286c2bf01dc959f9c9b885f0787ec3e9cdb
		2 ²⁵	33,554,432	2,174.201326779	82,020.129788560	1,468.629255672	46.913182168	3aaac21f8ed38aa7a7bd584b2dd523d3665935d5b1f2f35c2a6ab2c24ec58ea4
		2 ²⁶	67,108,864	4,344.356163391	164,040.259577120	2,930.318789372	93.807849434	5f0d6d4a76e086f1c33017d93537ed9ac6349c34769f1826e5b73a2c0192e43d
		2 ²⁷	134,217,728	8,688.712326782	328,080.519154240	5,853.116497808	187.471936119	46b59601388e8cefb58594a94e3f9d017923ace119534fcd8a3174672d3c4821
		2 ²⁸	268,435,456	17,377.424653564	656,161.038308480	11,706.232995616	378.341544060	3b3078e403cbc59816952e1757a506f01d2970e5f5f0b3546a0875bcc276ab29
		2 ²⁹	536,870,912	34,754.849307128	1,312,322.076616960	23,412.465991232	752.344473653	47b326cf63e251bfeab0dee859e207fc7a28716292bb2df34b0a0b93bd42984
		2 ³⁰	1,073,741,824	69,509.698614256	2,624,644.153233920	46,824.931982464	1,451.314281672	db843cd03700adb5c24eedffd13f4ced7a268bc6fd2e1bd9e7fc2046e4aa0b4
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ¹⁹	524,288	—	0	0.000000000	0.000000000	0.000000000	0.000000000	d6c1d982ff316de2fe02e624be69d19bb474d3100562d01becea3e1ea426a8bf
		2 ⁰	1	0.000326442	0.000965500	0.000221217	0.000008800	cae73f723dc2dab450b900556ff7c ffae32e61b049831cc6f51a99a5ede4426c
		2 ¹	2	0.000546844	0.002025087	0.000345343	0.000011932	0214913ea58b1070d9cf5099a7c3393a4640adf8afdb2fe0cb591588393838a
		2 ²	4	0.000661082	0.002555553	0.000435254	0.000018038	83417961c0eb020814325fd11b6ffdeceb15ebe283c5fc1ea3a2938940606ae9
		2 ³	8	0.001141614	0.004924108	0.001076021	0.000031023	c908983b896aa25ec7c5059a2b6778206c9d65f3e10ff083404a237768ccd4f4
		2 ⁴	16	0.002961465	0.010982533	0.002047988	0.000056055	4a328ba756a1a655d3a93703fa66cd528a0cf62933669a1f84b508d9f1f8aa39
		2 ⁵	32	0.005753345	0.023946708	0.003736708	0.000097639	3cf004816cee617a921fc0d2b4ed2695a907d8691aeaa6aa7e687b2e32bf4672
		2 ⁶	64	0.012252923	0.052453394	0.007653231	0.000177550	90ce2cea92a79414937322861245bfa01587091c25eb76c fff343fed47da3427c
		2 ⁷	128	0.022321840	0.094272952	0.014405941	0.000321803	fd1d7b4a837fbfb5541b33f7d6cb56b1d4855ad6a3a76a382be3be6ec246fe44
		2 ⁸	256	0.043230223	0.184450060	0.027375645	0.000595869	54c16b85a4d4a9abacfd0b4208c41fb6ab158add9275a63626f4cd97c7b65c1
		2 ⁹	512	0.083685849	0.359853189	0.053438208	0.001115379	7b1de4fd954dc3f89b5e2c488311ffc182f386fb05cd034eb11dbf779d0f503a
		2 ¹⁰	1,024	0.165730165	0.714794403	0.106674860	0.002118727	e27531c8cd158a984873244ec2a359b4a175acb1d2bf8e45b0b7f47b46bbb939
		2 ¹¹	2,048	0.339178205	1.480631077	0.217820264	0.004016943	36e539214e5e0db07d14b4882e1133df4d86788acda1bf12ec781dbd57034083
		2 ¹²	4,096	0.678372189	3.030331486	0.436932090	0.007637421	aadc331d78bbf275d3a17b5e339ae16bbe9bfb1962d6cc08bccbe2a9490438d
		2 ¹³	8,192	1.361268428	6.301341746	0.870244632	0.014570272	03502d0be4afdb14483a57463a8942c3df89e138a876717b35c81f2c345c5fe0
		2 ¹⁴	16,384	2.718088634	13.522661266	1.737740998	0.028159783	d553656dd2b1a86b9a7bfac5b80a8e736b9d6c45804eabb4351e9535c6c6dca4
		2 ¹⁵	32,768	5.434283414	30.947289511	3.482226910	0.055279094	b7dea0adf98249515d92aa8e4eeffb318de30c05b4440a19e0e4007df553169c0
		2 ¹⁶	65,536	10.873379886	78.129722263	6.979099507	0.109686099	fd06988f896ced18b32bda034ec26a2bb6fea1e22c574ee44d93ab34b6437f84
		2 ¹⁷	131,072	21.755196995	222.429654295	13.960292626	0.220592421	f52e5de086b460cf7f730e5557fbf1cde4e0b59daa7f923466a354ba747eefad
		2 ¹⁸	262,144	43.492913260	710.713412398	27.916953052	0.450234705	4515eb3b69b294af68b43cee1a6a0ac7042decc2e6e5fd8eea1cf0f8097fa4b5
		2 ¹⁹	524,288	86.894591493	2,386.488477649	55.797928877	0.925773330	574dea85f448653b1bf67e04d4420a9f007b741227d78bd30cb88e92293d584f
		2 ²⁰	1,048,576	173.709614639	6,910.150863795	111.562731628	1.899254513	d9647c8deb7e2fc7fa41c8a6d5c50e07f5d5fa3a7b4663009da1903f33bf791d
		2 ²¹	2,097,152	347.521503403	18,086.406341665	223.110385968	3.874762500	11a03767cbccc4e6c4fdb100ed32536390c9f1926a05f52932c70cbfd4bdda13
		2 ²²	4,194,304	694.933640930	36,172.812683330	446.225065457	7.898695589	048daaae1cce743c43d78b04909ea6bd027db9be19fdb1efea888246a0cfa5c9
		2 ²³	8,388,608	1,387.709107324	72,345.625366660	892.001441478	15.820765619	570c4f0073eb79389ff855324526feaf4262f7484b4f7b64d013a1b945eaa1bc
		2 ²⁴	16,777,216	2,775.815778388	144,691.250733320	1,783.796843173	31.773869272	d3379291d3925424f52849379832c5cc0f14b58dbf9524f611dc41b3f0da1d97
		2 ²⁵	33,554,432	5,552.684987174	289,382.501466640	3,567.821965846	63.567353824	a2b3225cc6c fff8629f6a9442888d1ff0071565e64202cbe5f3f6944a01e1dbb7
		2 ²⁶	67,108,864	11,105.369974348	578,765.002933280	7,136.087960128	127.137686835	5445bd81b5831a15b4e0746e4fccb87e3e90b9705cfd1489538abb845fdc09d
		2 ²⁷	134,217,728	22,210.739948696	1,157,530.005866560	14,272.175920256	254.203023164	0ac05f56e88f3e33c6d0ee6ed1a9da9eaf66a138b98d618ba2ca15fa427ea95e
		2 ²⁸	268,435,456	44,421.479897392	2,315,060.011733120	28,544.351840512	508.225507733	60e0e6d010745e7d886c71acbd3befab2300c5b7fef86458ca8086e263ec759c
		2 ²⁹	536,870,912	88,842.959794784	4,630,120.023466240	57,088.703681024	1,015.416513276	077d15e787e901ad0657be6936903761ecd412b5e24de59bf3b116a8ee23991c
		2 ³⁰	1,073,741,824	177,685.919589568	9,260,240.046932480	114,177.407362048	2,041.382498275	a5889d76b674cd20415a2323078a3d07a4c9123d438e4176557d90e104fd40be
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁰	1,048,576	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ffbe8b956c88ae7814280534903eb6625469f411b4b3ce2163564df6122df0a1
		2 ⁰	1	0.000735742	0.002538367	0.000547515	0.000009435	f4fb44d50cdf51a79df913ad21b6af9bde407f0ef6eea3ece0ec24a012373b6b
		2 ¹	2	0.001965049	0.005285490	0.001196840	0.000013853	8b3dc9c6769695cb31bd147ec034dcb9e4fb75138e5f5fec43bb903a2d3cc004
		2 ²	4	0.003026289	0.009323558	0.002329537	0.000023498	04506922d34da6cecbca536daac677f9f4d27a88f22c5b168a0f8d61a93799cef
		2 ³	8	0.004894041	0.016625343	0.003617731	0.000040155	867d14d2c56c4b5749131af9d0cc841fbfeee6f9e0724acb1ad885766ad4b560
		2 ⁴	16	0.009272433	0.037711294	0.006646973	0.000069540	68f5ac41c766dcbabf4431332d6984060fc77e6e00ef1d424429766ec5477711
		2 ⁵	32	0.016112182	0.069560790	0.011995825	0.000128218	c2b032bdc1605f18b85296b16532bd8205035eab3eaf0ebf9789d2d23cb31d670
		2 ⁶	64	0.029958167	0.135283688	0.023434669	0.000248640	a9bd9a4275ca53fca690a75429393a91906ace6a0f30a93de7e80c7c4672efc2
		2 ⁷	128	0.058124919	0.261409049	0.042625382	0.000465723	7bd8fbf1b04468a111113d51fa8b2cefb135a13777bce7407d5818694b0e2a78
		2 ⁸	256	0.116869843	0.534748617	0.086007535	0.000868603	85dde3f6bf53d9b7ea37f3274f7213b743f19a148325170d0df32575a2b56d93
		2 ⁹	512	0.230640005	1.064183543	0.169439772	0.001648538	9691cd561b209dbe9b66fbdedc8a5caa712716ae377d97a06e6643465fc49aa2
		2 ¹⁰	1,024	0.450426934	2.092446017	0.328414080	0.003093196	2905f94184de3bf713146176e558a559440addfd43338eeb56f7c55446cebd22
		2 ¹¹	2,048	0.907206823	4.253288311	0.660383663	0.005765063	9e32c32f0192f79fe1a9c50f51bcc9ee37a3c5f4ecd8e98222b4e784472c57af
		2 ¹²	4,096	1.810058392	8.686795907	1.319647140	0.010843481	86c462f63e2b7b71f10741289412a8f81328899b285b63349768e32ae2f74789
		2 ¹³	8,192	3.625748809	17.958510805	2.644248550	0.020492161	1ff82ed915dddc5e4d58a0962dca8c2373f36f9daad6729915c104c90b87f067
		2 ¹⁴	16,384	7.270614000	38.247813357	5.246339815	0.039363079	324d3432afc3ebef5c728b6e6fe8aa364c7d4b706f15f3e74b92c147bb7a6fc1
		2 ¹⁵	32,768	14.589470347	86.383889010	10.521173724	0.077649712	a48ea561a183d7f5bbfd0b07e30410ed0443d90f7722d2b170d0ff54fc982a3e
		2 ¹⁶	65,536	29.268143575	214.764249356	21.054179902	0.153541935	e8d312eb8952dd03376a9d41284feb90af52948d5c322ffa55c79bdf2c11a133
		2 ¹⁷	131,072	58.634900293	598.290294619	42.165469376	0.306548565	3c6e6f187f3f5424d25eaae894233ac04491560fd4a662550c5b95bb794bfe2a
		2 ¹⁸	262,144	116.821650075	1,851.547776665	84.249656254	0.619239360	3ecd13dcc5af9ab115f81b0be16afbb00a416bbdb30df5712681437ba717b4e7
		2 ¹⁹	524,288	231.039482599	6,269.886935812	168.380928938	1.269347895	759ab28b73f62d93075c36287ffca1cd29033247d9641887b2d6d471067759b4
		2 ²⁰	1,048,576	459.270551573	21,067.720217823	336.545585065	2.633958010	4da4879fb2a55ca23e1281aac06673dc1da403b25bf029f70deaf19d50dadd4a
		2 ²¹	2,097,152	915.579377659	42,135.440435646	672.739534190	5.455483354	d1a9b5cbeb60ccbe6f2b280a4b733751337af775abc5684433ee4914aa5192cd
		2 ²²	4,194,304	1,829.169481653	84,270.880871292	1,345.791827838	11.135807346	c64969f09b05c6d4c132c648703569da4f2786b33c33f540de41fda86ec0720b
		2 ²³	8,388,608	3,656.327626625	168,541.761742584	2,692.534756106	22.508476639	94b6e8e40e98f7479950aa3ca023016ef0e7a0667f402c648dd7506c8e760cd7
		2 ²⁴	16,777,216	7,312.655253250	337,083.523485168	5,385.397164476	45.167388325	30b507a8854cb21bad3d727a22c91bb70ca2bab6397661d47a23c2733e650911
		2 ²⁵	33,554,432	14,625.310506500	674,167.046970336	10,770.794328952	90.441154233	9d426a54fe6e981ce9d284df8768ad4b6bcd2f74c6de850c7ea3d38e8e08548
		2 ²⁶	67,108,864	29,250.621013000	1,348,334.093940670	21,541.588657904	180.898930484	124f5de5cae56a01091d34cfd816f3886fbc83e0eb8a460b3f0439d71834dc2f
		2 ²⁷	134,217,728	58,501.242026000	2,696.668.187881340	43,083.177315808	361.257455037	d43cc86ccfee9b065bc62aa5519ad39f760cf665ca2e4953065184787531fef8
		2 ²⁸	268,435,456	117,002.484052000	5,393,336.375762680	86,166.354631616	681.821958395	70b6a07e629d6f06a9c0f9386690c1242b3212a7bd474158717f93b849f20c5e
		2 ²⁹	536,870,912	234,004.968104000	10,786,672.751525400	172,332.709263232	1,320.716942819	ed22662c4da91e80e37ca5ea90d8b29634e5f90c8966326a333b998407c3640a
		2 ³⁰	1,073,741,824	468,009.936208000	21,573,345.503050800	344,665.418526464	2,598.575084648	154dd3ec82754eb36438034a28191a5b52d33bd6c99934246b15b92385969194
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²¹	2,097,152	—	0	0.000000000	0.000000000	0.000000000	0.000000000	fdc8a92309cf5c286abd53ed084472e0c9d3351c703170741c8e040083fd25b9
		2 ⁰	1	0.001554424	0.004305645	0.001028636	0.000009419	3657bb94bf26bf422f2f7d49517220e896960b3070ae1777e8399d01b5d592ef
		2 ¹	2	0.002928848	0.010522451	0.001742218	0.000016057	b380dd406e2cd724a3f140c849c79a7481edc168415567c7423b1abb0107dc82
		2 ²	4	0.007117111	0.025689908	0.004916128	0.000030283	9f66ab1be91174af63042acbbc1a41d3f1c8b277a611a6b532d21948c02fc91e
		2 ³	8	0.010530965	0.037972903	0.008283423	0.000053267	d9c88d070893a429498a1adf1c6d120d94afc77d2deb268f4c2246a498d9d070
		2 ⁴	16	0.020517353	0.081760225	0.017013017	0.000099037	6deebaa7189b8560346f38bd4433e24ebc651e71e3473d94ed620306c0dcab94
		2 ⁵	32	0.041763112	0.173912270	0.033242359	0.000184098	29c11a00ff1b7803634596272001656376d1401189851de416d1ccf74b5b8a69
		2 ⁶	64	0.084107203	0.344690405	0.066373767	0.000329555	5cf21e47bc7bde0eccff556d038c5af7195fc3d8726431c253fed7312d31e930
		2 ⁷	128	0.169938689	0.680451230	0.127910162	0.000609908	9017851534af5949c4b629233b8b3bd444d03720b277bb2790181771a6b18bb4
		2 ⁸	256	0.342888151	1.372572331	0.251942769	0.001115337	e20be0e90e6d5c6771695a71902b22a02f5487108b48ded5ffe42a0876e1f195
		2 ⁹	512	0.688532379	2.772797139	0.506955154	0.002113133	b751813b7b51dc9366583db8c303f9e9c82f84863d8eec06e439b54227ff9a2a
		2 ¹⁰	1,024	1.374793980	5.633617606	1.025598456	0.004007870	aeb06e8b66725b59555decd7088e18b1ba10f39248e23ce01328c332028f559d
		2 ¹¹	2,048	2.712465265	11.163985140	2.012222627	0.007559042	d44f7065ed883545dde7078eb7c7327db335a6405b97c2c2ce04c77aa6a794d9
		2 ¹²	4,096	5.390236144	22.529141518	4.001129649	0.014462837	e188a81786a60dce5145d627ae6c70daca35c879c0657970f383f466f247daab
		2 ¹³	8,192	10.812865045	46.273945764	8.024236271	0.027472961	d528456150f43e2c07e5a03177593d31e8c441ad560ea792710c527ca7d7036a
		2 ¹⁴	16,384	21.692664815	96.964561252	15.940546078	0.052862962	28ecdb867f2f153fe6a3fe0c1b2915ea85b73fcd7f405d3807dd3af007805530
		2 ¹⁵	32,768	43.223823542	211.735199329	31.891611137	0.103455447	e4a66b25602bafec2c931f45762cd89954cc153790c59584e062f22d4be10bcb6
		2 ¹⁶	65,536	86.322902704	493.649308502	63.801363310	0.204985975	af308a19f6744a0e52f75042b69aac26d1404e29216d6d3f29552df946f94b9a
		2 ¹⁷	131,072	172.479414629	1,234.992892536	127.506321972	0.409477279	e69978eb6871c6fc136d7f7462066b172f7cd191f07a67f5f889baed0364409a
		2 ¹⁸	262,144	345.059010318	3,602.853013032	255.007790652	0.822710327	1cd9e048e042719b17e3a90204a3805d49e19fda7736020b6667855241a30110
		2 ¹⁹	524,288	689.823823743	11,770.053948374	509.518060155	1.663970536	25e751e1fdca25ccabdc60f5f1fcd1134b259180c7e623f3627c8403e7568ce
		2 ²⁰	1,048,576	1,380.143580884	23,540.107896748	1,018.381947037	3.416048766	496594e9644223a0d21a05932d4688b7e6111e8263afcef3e6e589820da2dfd6
		2 ²¹	2,097,152	2,760.792554480	47,080.215793496	2,040.868299418	7.153654379	49c61d5ada86602e80270113c47c7b6ce5e15a195fab9100b7936b580a36c5a0
		2 ²²	4,194,304	5,522.993609297	94,160.431586992	4,101.156099033	14.903054891	81948959f10bead56d00fc44985338cb6010f7738423cfc6b3e5a9808aa108d7
		2 ²³	8,388,608	11,045.987218594	188,320.863173984	8,202.312198066	30.512982239	9ed104606ce7c7a4c36b2d1bef95e55f9762617c0aff57ff3b57a07904d37f3b
		2 ²⁴	16,777,216	22,091.974437188	376,641.726347968	16,404.624396132	61.858229973	d9221f33cd6f2a9a714b9f7471bc6e397d5c62fcd8434b9e642b123d51d43747
		2 ²⁵	33,554,432	44,183.948874376	753,283.452695936	32,809.248792264	124.526722502	1d9452b491753cb9d738721052eaf94c0a84b624dc1a8c6e2dedda63d3a300ef
		2 ²⁶	67,108,864	88,367.897748752	1,506,566.905391870	65,618.497584528	249.891463768	a616eb42222696f19a3152ecaf93270ed63cbcd2531ce145e41021895e91e63
		2 ²⁷	134,217,728	176,735.795497504	3,013,133.810783740	131,236.995169056	500.528826189	5e7f164f66a4631f92020c9623ec7871e3001479bbd9810adfef58a83bba7767
		2 ²⁸	268,435,456	353,471.590995008	6,026,267.621567480	262,473.990338112	952.043653971	d662c46c5893ae1e94b17de2c09e1468b2f16e20d9f7a7cacc902a99fa0d1f28
		2 ²⁹	536,870,912	706,943.181990016	12,052,535.243135000	524,947.980676224	1,825.783989307	072ae5415fbe00feee4305e101ba69bcc3cd98f1fd66d44197a8e42eabeda246
		2 ³⁰	1,073,741,824	1,413,886.363980030	24,105,070.486270000	1,049,895.961352450	3,575.231967583	6c55c77d8f38ab36d58ea086a540d0b5034a9b3b3d54935356ddcdd35081f08e
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²²	4,194,304	—	0	0.000000000	0.000000000	0.000000000	0.000000000	3d94beefbb748873d882bd2a74138530b1bbbb7c39855aef9bdd95ddf906b156
		2 ⁰	1	0.002952588	0.010138669	0.003264886	0.000011014	885f51ebff7d8e950d8448c145479e464fdb86b49468391423afe20261938d50
		2 ¹	2	0.003995075	0.014040977	0.003810567	0.000018656	7f1e8a0a8698becbc95448be4c02fadf442f56f28750b073478f00eb72914386
		2 ²	4	0.011284815	0.041899765	0.009440306	0.000034625	acfe86410e0fcb7201c1f20ca8154b23617e37250fd209bdf4c324a56ed789cb
		2 ³	8	0.026260762	0.102444967	0.024082110	0.000067760	2651b6e97500ea3bcd89c093628156618db81f794462f62fea9079f0dc56bac6
		2 ⁴	16	0.048398389	0.191310860	0.047061888	0.000120733	e06db40e73cc203434b5fd67d88c02dac09aac20132e7bf0ab2c91c127b3d294
		2 ⁵	32	0.096313830	0.374118005	0.087558189	0.000222528	fcba49b6174a5e991540249aa6adfbab8f8efc7ee29f3b8482afa659dff1fe82cc72
		2 ⁶	64	0.208279106	0.801859790	0.174249090	0.000425651	778c0ac91bd93ba09a733c7bc48ce895c0e4a5ebb33df1ef62b9a32d9225af2f
		2 ⁷	128	0.408523655	1.587761280	0.342558902	0.000806970	6aae885c616d2e4b40c4a20962641d75826b3517a15054a83f13c12803996299
		2 ⁸	256	0.838477922	3.305289461	0.715029594	0.001570701	217ed131940eaf79c80c5565b89504db0bc10960ae6ec5d304f2e1911a5471a8
		2 ⁹	512	1.689712165	6.691145307	1.440279502	0.002935054	939c71e84c837046586b7f8e9ddd93ff5822e862eff21395e7e2522c3b65339e
		2 ¹⁰	1,024	3.325555972	13.272965821	2.828939139	0.005616133	57f2a1c3602055b304474e50f722bda7579663d22ff2df5b9c63a7ae2f1b3b42
		2 ¹¹	2,048	6.667033661	26.728527855	5.666901954	0.010654661	c436e3c7e29d774f5ca6f7d4f44711cea6892b35e11b78d401d23e0ed5cac74a
		2 ¹²	4,096	13.291194959	53.453669457	11.143088428	0.020404834	e911a4db992277784982a31bcc3de520f96d969b33e53710b6b88e8fae0cc78c
		2 ¹³	8,192	26.658482553	109.544264291	22.325549238	0.038896528	e909c00939ada702c3778ff3505cff4f8629a0f4a1d34ddc12225d0c2e7af20
		2 ¹⁴	16,384	53.208725664	225.597443072	44.326112672	0.075246830	2b63c1a2fc8fb60843bfa263cadb0b5f809d089deec89471b7941b0e85b65483
		2 ¹⁵	32,768	106.317099912	476.653335671	88.582896360	0.148362807	e1c421b9db89f35a4b889a4cddc3383570f706fcd7d8e908d590617566fce98
		2 ¹⁶	65,536	212.712331682	1,013.765872720	177.287687635	0.292945201	5b9c01f666d2f2b8ed4f750bb65844038f9ea4cc5ab8ca4a860fd411ab9fc8a0
		2 ¹⁷	131,072	425.138582856	2,359.403100434	354.183752123	0.582552891	f6944f745cb0104f77d5b50a0d20d64bd9ab4ee2bfde33455592a93c3bfc58f3
		2 ¹⁸	262,144	849.847357188	6,200.969886016	708.690753010	1.163097853	2ea0b052bdd3c49b8ce07e72e008f6652fa65fe4c59392e9b5d0f9f5cb714d86
		2 ¹⁹	524,288	1,699.623192000	18,582.646747822	1,417.703068730	2.379547257	abbe5c7be970a837cdebfd8a708a0fbf8e84e851a3843cac216b6d098a2df30
		2 ²⁰	1,048,576	3,378.531935561	37,165.293495644	2,834.621237239	4.774919537	8d88a4dd8cb12ffd1fbd6fa1e44e13ecd2c85931d9ab8190c6dd35e5abf591f0
		2 ²¹	2,097,152	6,733.476205648	74,330.586991288	5,666.772581147	9.770912401	6570dcef4924d2b46b5601ed20e18eb05cbea0c0833bb06d1773b586a85fd3e
		2 ²²	4,194,304	13,466.952411296	148,661.173982576	11,333.545162294	20.338395057	6bbda0619f0bc19a3fee4b7eefdf5296328c252a277014e71dca9e38af4fab1e
		2 ²³	8,388,608	26,933.904822592	297,322.347965152	22,667.090324588	42.116764967	8c87591496b49460ac4da73cc252b623a3adf4df6bd636cd653f79e1ac9a2463
		2 ²⁴	16,777,216	53,867.809645184	594,644.695930304	45,334.180649176	86.627651912	63db4b533341d832377501da6a2da0f202a0f75e1f6ae755f37d4443eb49be38
		2 ²⁵	33,554,432	107,735.619290368	1,189,289.391860610	90,668.361298352	176.416413882	3395487c843619cd651bc76671dfcc9c6d11f7aa44c5d43c6d124deb8680594e
		2 ²⁶	67,108,864	215,471.238580736	2,378,578.783721220	181,336.722596704	356.053644170	d7ab0a6a58c031ea11322f45694e510658ac73b20bd550097963f1204bc3fa4a
		2 ²⁷	134,217,728	430,942.477161472	4,757,157.567442440	362,673.445193408	715.093517877	9071464b20a281ce658ea6ca5c9ac5e2bdb79b058583a60f8c7474b911013ed4
		2 ²⁸	268,435,456	861,884.954322944	9,514,315.134884880	725,346.890386816	1,432.599436607	735a060e99cd880e1707faf10d9048ae4f7d4ce21510e70ec28487d554664b77
		2 ²⁹	536,870,912	1,723,769.908645890	19,028,630.269769800	1,450,693.780773630	2,863.022040821	d4965e4a3abff9da12d879095a546573c1db3c35fdd74a66a1bb7072f7d0779f
		2 ³⁰	1,073,741,824	3,447,539.817291780	38,057,260.539539600	2,901,387.561547260	5,309.119222398	253b5a73527b44cabfda2ea06433d3929333c98ec12fa002817df168db89f713
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²³	8,388,608	—	0	0.000000000	0.000000000	0.000000000	0.000000000	de97d142b187483d93e61c30271abf06a198af2c7e5e48e60995a0f6aee7faf8
		2 ⁰	1	0.007460982	0.032390011	0.007969744	0.000013428	84c06cd19085f152b36900cda6ad4a7e20f5bbba693d930d7314be2f812fec8c
		2 ¹	2	0.015129234	0.068270658	0.017170106	0.000023029	053a50430cf9d43949600bd3f095b60ad9623629c5aefb5a094cdf0f1de226a7
		2 ²	4	0.029218510	0.123899999	0.028331818	0.000046419	945963e49e1f24381910754bbe2dca30779a2dac73887106f6e503c87fa991fc
		2 ³	8	0.061526439	0.246884207	0.055895414	0.000087563	d2150c610db8dd6ccff412e054f1acb397cd9651cc4299feed032cf08d9afc29
		2 ⁴	16	0.122384244	0.476107222	0.099878338	0.000160226	e39df6661cdd97b36bc4f97f5d7e65cae467fde8a8b6e92d03f76beb57beec66
		2 ⁵	32	0.246001619	0.951868546	0.193330084	0.000298842	5339e160a61e37e1b2bc09d9b11e85d0bd1c152eb2ab171fe0e1786cc07c9144
		2 ⁶	64	0.476940842	1.837596855	0.393705456	0.000569796	70f20a03d10c453a7c322dfef7a505f49f81096a26ffea71c8d20d778aa02c80
		2 ⁷	128	0.941141988	3.657686076	0.787095739	0.001055814	20ff2147a335f3e3d0cac9cb301018331616c9b39b53f9b963ad9d37b65b7bff
		2 ⁸	256	1.852713137	7.221928699	1.584995476	0.002093326	8dbfdb46b603544f65b73e3800381fcfe0fcfc8496b70b66bc2e5073a460e04b
		2 ⁹	512	3.658680309	14.117334221	3.105364793	0.004060568	0515d7224931de2f9c972543baec1a96cad69ca3cf321432c2fda455404a92c9
		2 ¹⁰	1,024	7.304620647	28.432340740	6.198132753	0.007530377	1208417e5caa50f065258e4969a3e5c41d73b49b27a847b546179ce0f9982a2c
		2 ¹¹	2,048	14.470828432	56.500640583	12.360343129	0.013910919	cdbc85f5c13ee369ee5952451e22653e83e9d8244f81105bb00bee7ca2b0438
		2 ¹²	4,096	28.847751059	113.523291391	24.663372036	0.026664247	d722938e1c0d7576b4302c43e2465f690d3af826fb245a777b8de2b29150f7a3
		2 ¹³	8,192	57.661877979	229.850803720	49.286611859	0.050804490	740c2667076c28988f8e586a809f440a1a68cecb41c1c3b9e81911a19b914c24
		2 ¹⁴	16,384	115.424667374	469.953389403	98.243749013	0.099468418	fa42a36e211b0f46af72d29092c63507a0156315effbdc1267c5ec78afbb3b4c
		2 ¹⁵	32,768	231.108920802	977.374731164	196.830942676	0.194677642	ea463e5c7b56c51327c991b5fe0cde801048e9c39a874c90e2cbdf0bf5fc3b4
		2 ¹⁶	65,536	461.132067089	2,005.671728356	392.838721959	0.385120817	de3ce9d0b916af4bbf7f9e7fffba14e73ebb198f1e1cec397288c4ccd6c6f940
		2 ¹⁷	131,072	922.937832832	4,355.497139552	786.918187321	0.765303937	7e59027e4592bf2d2d2ef8d3b37d95ec0973ed581cd9b6b14a8e04a8234307fd
		2 ¹⁸	262,144	1,842.030005260	10,316.851557732	1,572.797472990	1.563058063	d8aa865a0ddd22ce9527105a2e056d2997ee550dbf2ea7ad58fe6cb04c928352
		2 ¹⁹	524,288	3,649.416857079	20,633.703115464	3,144.670340444	3.091682311	53f44c1f5f0ba60e7bba2e9e8ad2b60143847edf213bf191a033eb46fb7b6845
		2 ²⁰	1,048,576	7,298.833714158	41,267.406230928	6,289.437118472	6.219322923	a9011e534761cee61d6ac5b20f2824e647b2e99383d05d8cb365b4d31cd5a958
		2 ²¹	2,097,152	14,597.667428316	82,534.812461856	12,578.874236944	12.544174395	c19496b2841b1f9281b08094a0e3070bf65c37c4d83e2eea07a3c76d3c6f22c
		2 ²²	4,194,304	29,195.334856632	165,069.624923712	25,157.748473888	25.589942461	878e0e6e3d4f6eb57529a59b8ed7f2136993e61edf6cfa74e131ded1d6e35c4e
		2 ²³	8,388,608	58,390.669713264	330,139.249847424	50,315.496947776	52.976926329	7bf0b1f8af753beb799c49d3441415d3223a553aba0e235cb3fe752fc176b943
		2 ²⁴	16,777,216	116,781.339426528	660,278.499694848	100,630.993895552	109.606921192	f36b4fdf9c060835b04164b221d6b197ce2ae69c82fb139a9980ddc277ffefb1
		2 ²⁵	33,554,432	233,562.678853056	1,320,556.999389700	201,261.987791104	226.979634950	ae654321e07c07b2c8ace39059e6809509ae61927a16cdea3db12a6114c2e797
		2 ²⁶	67,108,864	467,125.357706112	2,641,113.998779400	402,523.975582208	461.696204138	63f80d1b7649a4106cd814216a7d6187f5eee1a7cd6dbd7d749df6773ceda0e8
		2 ²⁷	134,217,728	934,250.715412224	5,282,227.997558800	805,047.951164416	879.893305702	c61b854a3bfdc2c0256e0b2b4ef5d0a9b5aa1ef3753ed5cbbddddd6932e9d0554
		2 ²⁸	268,435,456	1,868,501.430824450	10,564,455.995117600	1,610,095.902328830	1,669.995520985	3c6a208c16bc222be1462f0bd0f68ca8c0ef056690b6266332c855ca70bc32db
		2 ²⁹	536,870,912	3,737,002.861648900	21,128,911.990235200	3,220,191.804657660	3,250.102622835	c480e03fe11e432560c3ea4e2d99fb65aa0e83611bd02b2c9d0d8d05053f0ecb
		2 ³⁰	1,073,741,824	7,474,005.723297800	42,257,823.980470400	6,440,383.609315320	6,411.704964828	6438610f3cc04c029653041809f30b10dd9171416fe3ddca53c86be5632c2616
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁴	16,777,216	—	0	0.000000000	0.000000000	0.000000000	0.000000000	82b5c2caa055f76717cba64fde782827b0402e0a0fbb9d0658a4fd832b06479e
		2 ⁰	1	0.012395452	0.052984802	0.007641941	0.000016924	fa6d2fd954390e6111ccffba4493a682e1dca7ee7797d3320fe4563be254b0f06
		2 ¹	2	0.023901658	0.116234150	0.014648998	0.000033434	5d1554687d390c70079e3498b6c85ee4b0bc2eb6ae95767222e84d18f33e0790
		2 ²	4	0.056241216	0.243730710	0.039994111	0.000062131	328512e06b87f5ccee2587a0404baee70c2a051b0cdc34354def51510791546b
		2 ³	8	0.114451398	0.450576003	0.091075478	0.000117149	6b6c2ee5964d4b8f3b4e02e8ef20717cf3544035ab832d57b7676ed66156475c
		2 ⁴	16	0.236362741	0.906935840	0.203765431	0.000240381	ad8a003d89640fa853848233810b6074bdf2d533f4562331f783f678ca9586ad
		2 ⁵	32	0.486792626	1.896746307	0.436473842	0.000431594	f3f499dd044e6655c251b656bf000387d4451ea8e78e84a90781ff127d23bb62
		2 ⁶	64	0.999584392	3.859155168	0.854041417	0.000788478	c654928f69c7cb2b3a450ff563a4dd007c76de97e3820aea91faf364b0b93d53
		2 ⁷	128	1.945838453	7.342775235	1.632966310	0.001471865	829d6ff6df8c52f5b8062bc2a184e556a0ae44e224a3f17cfff449a9ae461a20e
		2 ⁸	256	3.868460119	14.862397231	3.304600299	0.002810021	ebb64dcf646a9cb4279e3969184e8c165d99e2ffde308222145f2c96bc15e2b5
		2 ⁹	512	7.674734817	29.636874309	6.661870370	0.005310708	56ff3cb2de60118dafdb8c8f132a027de4d83e37f91436c27f991952e8aa1dc1
		2 ¹⁰	1,024	15.158813589	58.528267011	13.143657901	0.010068196	9b869adaa3ff199cb00a508a76eef5b545b0410f94a8b4db153bfc517d0defb4
		2 ¹¹	2,048	30.065092198	116.966885015	26.254228677	0.018869943	58b14c5a8c98d1cc0f7bca40d5594a4cca807f4c006335c4e241e08b2cfe6cc1
		2 ¹²	4,096	59.818567693	232.852139976	52.522638592	0.035555483	244eae8f8c9a43560531fb5eabbf03e946735893444a5a6585c409045c9c9c50
		2 ¹³	8,192	119.263743423	468.527046983	104.932440879	0.068137830	0412e40954da16cefd873946cde76ab9152908831472bdf034e0cfb03280b2b1
		2 ¹⁴	16,384	238.397857074	944.357286758	210.015065634	0.132123053	b3033340c967a88cde5fb0e784cca692493636bd3e744a57c674fe824f72402d
		2 ¹⁵	32,768	472.390291336	1,882.464992922	421.229125309	0.258229019	d8d92fd3403378226db70e0ddaa0f18cbfbc1c3ab1b766de54f2ac37a150518
		2 ¹⁶	65,536	940.396738905	3,845.408372426	842.404448219	0.508650110	6230f5593e230715d4a2d7c80b0f02041a66725b01f4b6926dfd11642cd7ea8f
		2 ¹⁷	131,072	1,872.420115702	8,087.493268143	1,684.015534646	1.008380942	82d4b9b81178821d929235b3f0ebfd71eb552d43e39c56a605752801ebb766a0
		2 ¹⁸	262,144	3,735.786315881	16,174.986536286	3,367.442626605	2.060619808	c983e253aeaa8aa8a5c6b35ce3e5138b94b6a38108570ef5a4926c22c1a481f
		2 ¹⁹	524,288	7,471.572631762	32,349.973072572	6,730.052168805	4.064336121	460b0b2cfd1f0be522a6c99d409faf8111b299592f61959c13e639b468081a61
		2 ²⁰	1,048,576	14,943.145263524	64,699.946145144	13,460.104337610	8.133775277	b3b00169280e50f41ab8f85267380a41088919eded07f3230cbe3518a1562479
		2 ²¹	2,097,152	29,886.290527048	129,399.892290288	26,920.208675220	16.384973404	73db5c0a83743663d6d72e65e101ede059f59f8ba1ab90f51e8ebe7c3993a67a
		2 ²²	4,194,304	59,772.581054096	258,799.784580576	53,840.417350440	32.838995292	3487dd4dff862d11df53f908a2918e40a6660eef5b7c331f739854db2bc7fc36
		2 ²³	8,388,608	119,545.162108192	517,599.569161152	107,680.834700880	66.617150164	15e5a88b9375ef271595672ef26b3eed154ea9290d4cf2b74dd9d73f1f0e8cd5d
		2 ²⁴	16,777,216	239,090.324216384	1,035,199.138322300	215,361.669401760	137.737198503	f027754649c1523146e1c9eef8ae22229ac8d1b2bb9b8d6b2d08ebf1e9fa12c6
		2 ²⁵	33,554,432	478,180.648432768	2,070,398.276644600	430,723.338803520	284.256060673	ec7085141d396a081f3219f10270dd10539660f70f1deccc6adecccfaed9f44c6
		2 ²⁶	67,108,864	956,361.296865536	4,140,796.553289200	861,446.677607040	574.709963480	a4b64a4d9accf79bdc0ee85da84d9bc1ba0dbeeeaa56a955714ec89b49c72d57a
		2 ²⁷	134,217,728	1,912,722.593731070	8,281,593.106578400	1,722,893.355214080	1,105.017290186	ce16b8ae2a2dbdcefb41d7ede030941299a7bc5e87940d19c6435ab987ca073
		2 ²⁸	268,435,456	3,825,445.187462140	16,563,186.213156800	3,445,786.710428160	2,105.914728855	b2e7caaacb5ddaf2397aa0610dd4dd554be1624fd0859f0ed274121e380cae26
		2 ²⁹	536,870,912	7,650,890.374924280	33,126,372.426313600	6,891,573.420856320	4,111.912847844	d166bfca27ffef5d2a9cd401eee0519594be09d22a6a6f002c95339e14c8720d
		2 ³⁰	1,073,741,824	15,301,780.749848600	66,252,744.852627200	13,783,146.841712600	8,123.235094441	203e8cc8c9a940dfdc829d04c29af79590289e8a8e0541f88ac57dde336b0be7
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁵	33,554,432	—	0	0.000000000	0.000000000	0.000000000	0.000000000	2d90149914839bf3c99e387e403f513416e3c3550c1369e3b659f0df3e0d78a7
		2 ⁰	1	0.023600102	0.084560072	0.029598512	0.000020959	6cd4a4a3deeee5af8ad3a157da238c5689bf16a70f3bca7d31696969d0a1e056
		2 ¹	2	0.041203236	0.144315367	0.052152796	0.000044017	2da235b569dfce5705c9864e344a66f9757e7172b7a00bed850d4752c5233d3
		2 ²	4	0.110067621	0.403456206	0.096481318	0.000077428	1086d5c09b21fb63a8fa9a45df165bb0969e625861755e8831ec939312d62f60
		2 ³	8	0.235536607	0.840577910	0.187780287	0.000139673	5f0cdc0186c32cd50eede84dbe1a91da65431a60c73a570df0f3677ddb4fa738
		2 ⁴	16	0.476720579	1.748090936	0.371774728	0.000271379	0cac9a18c0fa1e3eb7081b5289bf59dce2e08bee2a8f636322b6916978198fdc
		2 ⁵	32	0.943487339	3.442445136	0.791620403	0.000498830	07c9a8fe6f758e31364a9009cdd8c31ae30e9916dacb6ce096ca173192adb115
		2 ⁶	64	1.925592428	7.301680255	1.680439993	0.000959012	98df6e8a843ce048874ce48d278053e9bd6dacbb168979dc36c8abbdb6832669
		2 ⁷	128	3.905462612	14.554864511	3.395129992	0.001780519	4ab5d469763c9fac4b1d202f34427b1c973e0187dafa9cca7a62e9e53cb3dace
		2 ⁸	256	7.782957506	29.149797426	6.735020808	0.003313429	c0458f90afe345cb09d5834c6fc13188b5e227bd40e5c26c937752db4133a718
		2 ⁹	512	15.583943977	58.343782438	13.494246934	0.006262962	837bd8844ae592b949f821c5c5afec19a14d1b2ac6f0396d9b7bfe2d7cd507a6
		2 ¹⁰	1,024	31.263264004	117.493672224	27.067834905	0.011949030	fdaa7481086f27722c121d93b8480798666abfb0500b949b2d24b7f0d947d0d9
		2 ¹¹	2,048	62.002341691	234.149756344	54.047150104	0.023417592	db84deda0f498e18acfa656c56d05fb6d351bb0c36baf4a9bf66705debbd471d
		2 ¹²	4,096	123.330247074	463.598659360	107.065257541	0.044834110	4da3761c53c1e71a80fad52661fda4a3e0a552da486868645959ccfb19ea1bab
		2 ¹³	8,192	247.150384087	929.636703428	214.563072516	0.087216286	98e6d180a5cc5bbd363f7211fba43a0ef0114b81d3a4530eb90dd9b61d2a09f0
		2 ¹⁴	16,384	492.914834476	1,831.007268581	428.109864969	0.170403448	5bb0b56c0d39850ffec0de6a0ad2fe38847363f451ce1ddbcb65446e4b0960980
		2 ¹⁵	32,768	985.079659208	3,657.181206312	855.628859871	0.336109938	37cc7182f60f9d6a6cf5083edcc55379f7960e90d7fa08fc0b6a605eb9091c9a
		2 ¹⁶	65,536	1,947.977696405	7,391.222197013	1,711.062365626	0.666768504	635ef2cfb5700232a01f973a32c5f3e1d7dfda0a941e1d093bbf203595cc32d
		2 ¹⁷	131,072	3,873.913660543	14,782.444394026	3,427.541472596	1.327286588	efb9324ce0b719cced5e272d55bff8c99418b5af97b067bfe4b4813fb6bf7557
		2 ¹⁸	262,144	7,747.827321086	29,564.888788052	6,855.117390242	2.698843657	f01af653371ac16caa60247e85e81b8f6be784104f2a49f4cb1bc5c99015df2c
		2 ¹⁹	524,288	15,495.654642172	59,129.777576104	13,710.234780484	5.342729709	7dd2f69e4cc1c6067d9f9d833d6357bb9ba6f0dbf654aeb38c92dc36862a2510
		2 ²⁰	1,048,576	30,991.309284344	118,259.555152208	27,420.469560968	10.683792888	7940f775858b24f1ef991ae0eb0eafc903a771d1e951b06b47a308d12f3e17c5
		2 ²¹	2,097,152	61,982.618568688	236,519.110304416	54,840.939121936	21.372061720	041cde76b6b61d43036f0807f8db86de1b2d2bb4382feb5ab54f364861d40cf5f
		2 ²²	4,194,304	123,965.237137376	473,038.220608832	109,681.878243872	42.853930767	e9771c720d267f45d200185a0df22a29220c7e08b8de5a12394d0ff3bc6a16ef
		2 ²³	8,388,608	247,930.474274752	946,076.441217664	219,363.756487744	86.215033984	170a851275d344e5bb0347bc87e9c656670055fd5c0ee1571663820fba24a53e
		2 ²⁴	16,777,216	495,860.948549504	1,892,152.882435330	438,727.512975488	175.162816363	bacff355773d0dee62a8d97d0ff2d8f3338e0a59161c8d7e9549029ed3c18f5c5
		2 ²⁵	33,554,432	991,721.897099008	3,784,305.764870660	877,455.025950976	361.008154463	594a0a1c9736cda689c1abb0edc065a9ed88c5b9840a51b9bfa1920ccb15eab1
		2 ²⁶	67,108,864	1,983,443.794198020	7,568,611.529741320	1,754,910.051901950	748.738628226	f399a6694e07bfb10e2dda7ef9f6aa2d0539d87db1eae8d50a7d4c44cf58d64
		2 ²⁷	134,217,728	3,966,887.588396040	15,137,223.059482600	3,509,820.103803900	1,541.568114166	0093961ddce1715defc927ad00daa42cd1f1c7def096c48fcc0a65d1a9e0ee50
		2 ²⁸	268,435,456	7,933,775.176792080	30,274,446.118965200	7,019,640.207607800	3,128.436881825	d02f93578ceb240dea99036eeca49ab5b43ea4b8095d111debe0eb1ae6de18063
		2 ²⁹	536,870,912	15,867,550.353584200	60,548,892.237930400	14,039,280.415215600	5,725.122316000	3a144951653a5ba5bbcc17731e6f43826cf5f9dbcc273d1437bf8802f186a119
		2 ³⁰	1,073,741,824	31,735,100.707168400	121,097,784.475861000	28,078,560.830431200	10,804.295174563	c8b0c9024f49a0da30d8ea57073b4153b9a1ca314700cd514c5f4d3fc25a6099
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁶	67,108,864	—	0	0.000000000	0.000000000	0.000000000	0.000000000	a319fcaeff02e5302e705874b2f258ebe4b86b508f6546302a7903e4c6e09c88
		2 ⁰	1	0.063475490	0.229676595	0.042589050	0.000028251	5cfbe6df7fb5e80f446f0c6eb5bd1dad5544dee419e8c0b8c168a8ebc73f2dea
		2 ¹	2	0.139396060	0.546229405	0.122165408	0.000053534	c60a07f5ad2ffe2249ae5604f1d7fd30ccd7961f50bf5b86195cd62202bc7ead
		2 ²	4	0.171073895	0.686718215	0.186692287	0.000101640	82706dcd525def5e6854bee8c101722dd04dce71da1449e6abdc789a2dad1bf
		2 ³	8	0.428138159	1.513585643	0.399401496	0.000191271	5047c6f11d241daf3ed7d2e48765fdff4b7ce2bd3b7d98d78c26a4fb937c7427
		2 ⁴	16	0.854902550	3.160566359	0.797779714	0.000358953	2e570701a6a3fb31db96d5978ed337066dc33b300ce6a05ccbe8576529671630
		2 ⁵	32	1.759557242	6.565403338	1.608123784	0.000700213	0c542f186ab6a1c2a81c0a6631181be999945b818841feab403ba6a4d5725e44
		2 ⁶	64	3.605985548	13.595855704	3.289215659	0.001316755	2c0bacafcf3ab1a67960718acf2956c1aa7770cde574cc97c7464735663799f1
		2 ⁷	128	7.434537880	28.195585708	6.670412248	0.002444936	fad57e8ba39513a898cdd0678e4a0b345b0921b096270182bdd6c92c4c7bb98e
		2 ⁸	256	15.241258648	57.442514027	13.461839318	0.004658154	22a47e3e34dc3124f2b07c5a70760ece680680805897f5b088ab19b42a3f3fbf
		2 ⁹	512	30.463524918	115.018432736	26.616890209	0.008828356	2838e313bef2106562257d65967cd1da37a12575f4e2e8cb4522e269eabe867d
		2 ¹⁰	1,024	61.079508345	229.084878596	53.675719477	0.016794299	bd244048ffc0fb9fc3f644ac6fa3baef7b9a9b6f9de1c82422849dd886402fae
		2 ¹¹	2,048	122.434611829	461.009535929	108.422911683	0.031857977	edd2ef81eefd6535e2b674987437e60dfd35f54cecd05fbd3ee751499d79453b
		2 ¹²	4,096	244.893055688	925.396075671	217.130631491	0.061338443	6ece95f1cb9e9e3235e25e370e267aaf7a81b84006f18baf6c95e3c6606f0f76
		2 ¹³	8,192	488.609721013	1,853.386264413	433.079970278	0.121951330	38e2ee3e485076471a978c59bffcba43950b1544ab80efd3b78c0dc31c2feaa
		2 ¹⁴	16,384	977.588342789	3,687.074747435	865.614745313	0.234930563	20931124472fc67ad9d3816321b4d11f69c236e6e69d4c49ceafe8c7a90a9e09
		2 ¹⁵	32,768	1,952.266536079	7,305.279427167	1,728.914284239	0.459258910	bd056aefcf7e76830252b18b8be71f0207601a378cb4ab8f119f865672f9e6cd
		2 ¹⁶	65,536	3,860.785128767	14,610.558854334	3,458.967492756	0.906084368	9a472e6e46ae4e4be4ac4cbee6b9c5b76f702203d4796afc0c709c3972627dc6
		2 ¹⁷	131,072	7,721.570257534	29,221.117708668	6,915.870060559	1.799097666	f26912a48803a3cdb14c1e9f04ae78e76a2e80a304711ccaa7d3dfd787282841
		2 ¹⁸	262,144	15,443.140515068	58,442.235417336	13,831.740121118	3.585319979	38195b152f4a54dc1129fa69273dab5922e6ecd65e5d369e2568520429595112
		2 ¹⁹	524,288	30,886.281030136	116,884.470834672	27,663.480242236	7.206865567	14162ff8a73b866ede0cee92affaa2ef984bff6a06b5c648b0ce30f1c9509ba5
		2 ²⁰	1,048,576	61,772.562060272	233,768.941669344	55,326.960484472	14.361866986	1e151ef97a867b83673a65379ab466df7293beb9ea57458ac1f0e08466c68a78
		2 ²¹	2,097,152	123,545.124120544	467,537.883338688	110,653.920968944	28.814800016	df7c5ffa6b842acd7fcfc230a194e159e33d7e8cd9d692a4a3daf1c36a477bdd
		2 ²²	4,194,304	247,090.248241088	935,075.766677376	221,307.841937888	57.714518753	0f5fce6e0cf02f44cf3e063686d8caba60470b44e0e4d9f4f1701482cd993484
		2 ²³	8,388,608	494,180.496482176	1,870,151.533354750	442,615.683875776	115.854325093	a7a122a6d51c5719bf0149763cb73902ff9cb6d900337b810964a5a2c4834655
		2 ²⁴	16,777,216	988,360.992964352	3,740,303.066709500	885,231.367751552	233.578776291	ca7f5669557a9b602905dad59e67f900e83c59d11ea061a58a4d32e9a7325f3b
		2 ²⁵	33,554,432	1,976,721.985928700	7,480,606.133419000	1,770,462.735503100	475.211085273	5b1f6638c735db99028268adf9e9f39770349638da44736d451cc601c5002005
		2 ²⁶	67,108,864	3,953,443.971857400	14,961,212.266838000	3,540,925.471006200	966.664453319	110c09203611b9fa9b91d011e7d61371b9a1493e8d0499f4dc685db99ad48603
		2 ²⁷	134,217,728	7,906,887.943714800	29,922,424.533676000	7,081,850.942012400	1,921.480128216	ca5c12357ba30ee825783d6d20018496be976ec684dbd5ae55119d2eee7cdfaf5
		2 ²⁸	268,435,456	15,813,775.887429600	59,844,849.067352000	14,163,701.884024800	3,584.660340136	6015e33eb2c2265a1c9e28feb39c981f6e319b1ad6c9eb0443506f81ddcb545f
		2 ²⁹	536,870,912	31,627,551.774859200	119,689,698.134704000	28,327,403.768049600	6,731.997992587	8f5160d54fbd7d6dff9b8e48dbffbd2795e5ea74ce275ab2127a9e20dbd1c043
		2 ³⁰	1,073,741,824	63,255,103.549718400	239,379,396.269408000	56,654,807.536099200	13,036.178897395	cd539b1dd4089ca48f284966f1c9b67d635336c4d98cbe493b73f551c6f9222d
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁷	134,217,728	—	0	0.000000000	0.000000000	0.000000000	0.000000000	ab833bc77cd8d683de64249e3fa232c4695f26ec61d5bfe3999da8a385637f62
		2 ⁰	1	0.106124525	0.364937551	0.109540641	0.000036726	941b77441839e05e64b0b9bd7e2c96a3e3b1b523c8a89caadc3e9b3b50482a83
		2 ¹	2	0.209352409	0.708079216	0.225260857	0.000066345	63a4211107ba1dc5fcc4f7c95401a9465ce4ba66ba31e0ef4b9e6b5f1ccedb82
		2 ²	4	0.436355174	1.659342473	0.462172283	0.000124958	4224b8b3a2a9341c719da5e100316ce17e4da913b406a09742814eedea8167a4
		2 ³	8	0.907095134	3.372357329	0.873221752	0.000234972	cee13e3bfdb65d67e656b54565e27b0df35694c7e38e72456b7ba38050cc84bd
		2 ⁴	16	1.938018272	7.469380589	1.758507501	0.000430946	1af4ef5f9455f6323505be401c58223fbb3f4d03914f054d4c81829abac2a1d8
		2 ⁵	32	3.828463453	15.110895811	3.540702124	0.000815736	fe75cb55bc8297df603f088ae35e23f91fec2607641665f9bcd4c67a20492aaf
		2 ⁶	64	7.803529985	29.914240901	6.827605201	0.001553947	06c08cce35a56ff43c56a76409a0f0a4ab2380ad1956979c3cc7b6b4ac5f1824
		2 ⁷	128	15.150783210	57.139549693	13.348984281	0.002943594	295e96ceffd149b34950acdcaa28b5bb0293d452e738bd90d2e93dff492b829f
		2 ⁸	256	30.943409056	117.459451041	27.339898688	0.005599798	136100cd53f00a057d352b9fd9160017bf626044cc9965a631eb68f0661a7b2
		2 ⁹	512	61.931021522	234.704631287	55.197476593	0.010708396	f06d9a11a3e25869567f7c315d08bcf8de21db0e7a9689f364e4085eb6d1ea6b
		2 ¹⁰	1,024	123.248501212	467.313250454	109.437644946	0.020460663	25aa5387378c6fc123c655d0846c61a6211bf0d8e89b9b299afc2e40d4404e22
		2 ¹¹	2,048	246.564031371	932.220637636	217.134603344	0.039434076	f39e859ab2e7951a525ec3c4e0116fdbdd5516d0e9a23849243e5aebc1db66da
		2 ¹²	4,096	493.395371002	1,871.208236290	434.812433661	0.076377690	a98ab574e7ab7f0a0c88f3d4930fd7f5d02d2c7ad513b50ff7fd682e156efaf97
		2 ¹³	8,192	979.467068745	3,723.152123078	872.027098837	0.149260177	ccf7e0aa8a055266d942073e363366e00d6b837aed3fb5c1186b6d845791588d
		2 ¹⁴	16,384	1,935.684018762	7,343.331061556	1,742.478824212	0.294202892	3cdb862960d7145c873e84cf1f81193ba1aa8b8816e76ce1b422a67cbb220e1b
		2 ¹⁵	32,768	3,848.847208477	14,686.662123112	3,484.608914699	0.583139391	a018b549d947cd1a6e0baa9353e35a9c9e388afeb19fdb6e901a8ae82b5e867c3
		2 ¹⁶	65,536	7,697.694416954	29,373.324246224	6,972.149266587	1.159546571	5cc13b3f6682585afceeb1b04001ee72ae94e7fa3ef00cb78e58b2f8ff772aa8
		2 ¹⁷	131,072	15,395.388833908	58,746.648492448	13,944.298533174	2.313714954	cd889b5a245cbf0dccf44efc44723e4f06b32b9c0104ff7015ae1ec878f06436
		2 ¹⁸	262,144	30,790.777667816	117,493.296984896	27,888.597066348	4.618566948	bf7afcc55efe82b09a9a133caf206351d5d1cde1c5b0826da420fb11c97ae81e
		2 ¹⁹	524,288	61,581.555335632	234,986.593969792	55,777.194132696	9.226716317	f5b531534f4b8d0365ffd404c485fecdd3066e25ed3f85b7ad87a3e54b9af142a
		2 ²⁰	1,048,576	123,163.110671264	469,973.187939584	111,554.388265392	18.534896063	466c9c8b0698230a178b7534dc0e1ace44aed61d0ce4b44fd2ad0a3008ae660e
		2 ²¹	2,097,152	246,326.221342528	939,946.375879168	223,108.776530784	37.096847277	b795ed99c1b987648bf653d664f9890346f8096aef0b002c920b52d32d875350
		2 ²²	4,194,304	492,652.442685056	1,879,892.751758340	446,217.553061568	74.233097208	4c82a64c0e567472d3fdc46ed1fa2cc7cd65643a9f55f37719b66f4a5b522bce
		2 ²³	8,388,608	985,304.885370112	3,759,785.503516680	892,435.106123136	148.815912834	a4d3cb3763d729323c7eacef70fd1cee4a68bc5f9c853074bf2b9bba6c0a004e
		2 ²⁴	16,777,216	1,970,609.770740220	7,519,571.007033360	1,784,870.212246270	298.689232059	43dfd701c44362e289aa7215f748b2e1f89abc773b57c578a63b23fce947d29b
		2 ²⁵	33,554,432	3,941,219.541480440	15,039,142.014066700	3,569,740.424492540	602.519406257	2d601562f3ec6046ae15ea603101da63ff6cae6472f61ded9a4c51e9e1a3ff66
		2 ²⁶	67,108,864	7,882,439.082960880	30,078,284.028133400	7,139,480.848985080	1,229.096592956	99cbe4e58debb9e56b96ba61c2443052f71ccf2c24a665eb3bca200b7ec5f5d
		2 ²⁷	134,217,728	15,764,878.165921800	60,156,568.056266800	14,278,961.697970200	2,564.126685443	5411b8f1f38ae805fa6af74c606019bf61c99f1e2a0d3c9e02d08970254d009
		2 ²⁸	268,435,456	31,529,756.331843600	120,313,136.112534000	28,557,923.395940400	5,205.088262202	bdf63b78b0ce27998135ba49275256bbeb464659d624e6e642074e5381f11714
		2 ²⁹	536,870,912	63,059,512.663687200	240,626,272.225068000	57,115,846.791880800	9,418.929734229	4f8b688f7e708837daf51ad0c9cd040fc5132e9d2d847e8fac92a3f5b3476f27
		2 ³⁰	1,073,741,824	126,119,025.327374000	481,252,544.450136000	114,231,693.583762000	17,172.959095200	2f8c7e8e6c8cfa69c77b213896aed7a046939895252cf56d2d30907d2352beb5
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁸	268,435,456	—	0	0.000000000	0.000000000	0.000000000	0.000000000	4e42b9aa40d27040adf4c0cbeea04c2587d389e657c760d4dd975b853f26601
		2 ⁰	1	0.287806510	0.937717256	0.191257665	0.000042066	9b9c1ddb0755b4a72569f20ebb5892883751e3f3f46befe27f73e169ed8dd03
		2 ¹	2	0.456422235	1.655726927	0.465269327	0.000081423	3c4c20bd8db2aeb4ecca9080db2d11ada32facf6cee1f05531d7ab029c2d2d6
		2 ²	4	0.982011258	3.468245446	0.925839791	0.000151243	3241c951d1bcf5dedaf8a4255b3148e2767b2cd3364aea9266c2eb69947cf349
		2 ³	8	2.015320234	7.188759984	1.685840525	0.000284644	b5a4a4561d73536824d9023aa757dae1b075b5a6144f517a586071e71545a0d7
		2 ⁴	16	4.008924449	15.179762040	3.252527642	0.000539137	a3960feacd22d5e1310907727fb17652c3abeefd466530e548adb5d9e7077aa
		2 ⁵	32	7.591963956	28.717320772	6.317062706	0.001001917	f407751efadb1fef787f26a8b598c515af21ec4264dd3c4d76d7be5cad429e75
		2 ⁶	64	15.614701976	58.701815417	13.389573861	0.001876274	0d46ab204a5347f586dfe0743535a82791dd9cb7d5c23111de9a7c56f8a81430
		2 ⁷	128	31.604734190	120.208362075	27.749663495	0.003518104	67a02d4208c1ebccb60ea115f007825e69e18cfbf5c0bb0eeb63790fe12c1de
		2 ⁸	256	62.109149059	235.666414054	55.565297860	0.006747903	22552aa5057c73ee18446b50beaa7b0de295bdba06f6bc844a6bf7d165c55b50
		2 ⁹	512	122.897646048	470.103636231	110.719035455	0.013105941	de652bcef16bb95586bec2066a88391c71fa139e76af4564b2c8ae4cfcbc8428
		2 ¹⁰	1,024	243.905747943	924.530792168	219.946281904	0.025131542	725824b0eba8e9ace4ac46c7acd6cc21befe74f9e732cffe03b5a52b190a9346
		2 ¹¹	2,048	487.592954816	1,862.028559433	440.917736448	0.048374058	b5b87e0ea59c53967277f419bff7c66bf35ee37de7c33816fb1513745d3b152a
		2 ¹²	4,096	970.811918945	3,697.810934390	880.723722326	0.094351124	a20a7afda08d1ee15bd9387e2011c3a52d7d3cd4e1a3348dde4d25580f6bd35
		2 ¹³	8,192	1,924.632364843	7,278.448818931	1,759.842651529	0.185437392	aafa3774fb933975572bcd99a5df4a0d8acd6018389b6cdd086bebd2f7973187
		2 ¹⁴	16,384	3,850.868580870	14,556.897637862	3,528.661578148	0.366437749	7de20d49f6b06ad7198bb646120da237d060cd51b53e22361d8d5d9b037a1d85
		2 ¹⁵	32,768	7,701.737161740	29,113.795275724	7,058.232484595	0.726956213	2112611e8bfbf0109e7bd8c7964c60e19c0f5ce8cf5947bdd7c490be8697ed09
		2 ¹⁶	65,536	15,403.474323480	58,227.590551448	14,116.464969190	1.486367466	590fb36ac16b3c1586c308282ec02d37fd93ae2cb0d74683b5148681d1a967f8
		2 ¹⁷	131,072	30,806.948646960	116,455.181102896	28,232.929938380	2.925765648	b815814b70a0ebb4d62f7c8b16328de9fcde8a5d136688a72d2911cb708bbd05
		2 ¹⁸	262,144	61,613.897293920	232,910.362205792	56,465.859876760	5.798732969	6797234a547472196b3d41784a3ae855ee604217c326cca96c2df50670c8df8d
		2 ¹⁹	524,288	123,227.794587840	465,820.724411584	112,931.719753520	11.550423199	67a46042ddb2401b7884f4a469fa0000982a087645605eb1bc46fcd56397e48a
		2 ²⁰	1,048,576	246,455.589175680	931,641.448823168	225,863.439507040	23.096542152	a8d53c01343196710b8fb0ee9dc2665b4db1b8ce8348fe9afe94a300103573d9
		2 ²¹	2,097,152	492,911.178351360	1,863,282.897646340	451,726.879014080	46.219302279	c4d9390ad19e703cf001f96b8f0ce3d9eef7dc041fb89b5cec0af3f4c2a48f93
		2 ²²	4,194,304	985,822.356702720	3,726,565.795292680	903,453.758028160	92.485570021	5670d9edb7cdba1cba8d991ea4d898b7899fb24fedb71264a15ea9e5b7cb8c02
		2 ²³	8,388,608	1,971,644.713405440	7,453,131.590585360	1,806,907.516056320	184.944664154	f064c0208199b6bb42856aec85f29784a15a86b294f64a247867418efec545f9
		2 ²⁴	16,777,216	3,943,289.426810880	14,906,263.181170700	3,613,815.032112640	370.312573303	598b2f653450bd44a2dd6eddc428d934092e07e22a0fbfa9e35ecb95573b676e
		2 ²⁵	33,554,432	7,886,578.853621760	29,812,526.362341400	7,227,630.064225280	742.669486557	7484bad967e69d636c5296efa05384896db6b246475408dfe5266cec396959
		2 ²⁶	67,108,864	15,773,157.707243500	59,625,052.724682800	14,455,260.128450600	1,496.745479557	c7e9e37d9fe4822834b8edc3f2fab55876126d69b7dd1057d1acd2d978ae3977
		2 ²⁷	134,217,728	31,546,315.414487000	119,250,105.449366000	28,910,520.256901200	3,036.210563944	f9d2da2f315a6ce411ce95f84f496e41d8dfa5d568ea809a74e38524940808f5
		2 ²⁸	268,435,456	63,092,630.828974000	238,500,210.898732000	57,821,040.513802400	6,090.000067997	46c4e5d9366223c66517083fc535104231d4adab0eccc2faee82274560b85261
		2 ²⁹	536,870,912	126,185,261.657948000	477,000,421.797464000	115,642,081.027605000	11,653.647138988	79a6b1a82404dcf7752bcd17de53e51ff009a23bdf3846087b82bad78696ece
		2 ³⁰	1,073,741,824	252,370,523.315896000	954,000,843.594928000	231,284,162.055210000	20,979.796318409	559911bbdf4f455e9e72d5fdf37c2f648902a96fc7af1011a4027134332d05db
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ²⁹	536,870,912	—	0	0.000000000	0.000000000	0.000000000	0.000000000	afbc7a99ba00f54007617c8c4593f3f7cd75e1efd1e12307356bdd2a0d07e2b1
		2 ⁰	1	0.610988783	1.915728645	0.452547491	0.000042521	69ad6acc983581f2e75334651fec1b70190d5cea05d71920e9004b34693e4af
		2 ¹	2	0.996285285	3.701265894	0.937919159	0.000086464	f74268cc5510142b23b4cdbbfac5561e49b5c547eff7ab0e73fe98f18dfb219
		2 ²	4	2.109396376	8.376171629	2.101389808	0.000164246	4d23e9c85a105a44d9ad53858dbb7fca32931c6a10640bacb3dd972d74801f6e
		2 ³	8	4.105340618	16.540050218	3.783109578	0.000319182	bb8b9ee8301a2a927ff9d7fe341a92912ffab50d678fc2c3d05eebe63dd9cf9b
		2 ⁴	16	7.855965658	32.065241719	7.254098037	0.000598670	d85775cce001c18b88e8c763bf41dbd99729ec0fd9f7b7cf041a33b4ac60d31b
		2 ⁵	32	15.380907291	61.206067029	14.148050496	0.001138337	498c82a58437f7d2371b49017c7da29b65759223271e0513497608ec0f1c7825
		2 ⁶	64	30.878406862	122.296781909	28.467889539	0.002151014	bb8421130102deb73b5d5b18e5be48e3a5f41e16e2a3edd65c7511ec8f11fabb
		2 ⁷	128	61.896307580	239.490532614	56.190694744	0.004084711	431d5305958a630fa0240a708b3a4f40b24668544b9bb9ec70e1550180c6e96f
		2 ⁸	256	121.327715231	462.123792620	108.194955140	0.007811082	c71d98f593926a0d423993210c193d08dd1488cdcf0c51375f413388289ce366
		2 ⁹	512	245.944477761	952.875891382	221.834620955	0.014913266	818da528d0688857c47348b9a7740b679884e9d626be6ca0e3bb92ce97b4e64f
		2 ¹⁰	1,024	490.064954374	1,914.475283842	444.742934945	0.028704440	fc18ad81789061cd347ac35fd3da1a9468bbc7cc0e25a460e37d61198c19451b
		2 ¹¹	2,048	968.189446202	3,766.508972271	885.559788279	0.055720757	60beb8f39b4a5dd2686a3d05154ee833a023212883f1e2d16a02129b33c6ff47
		2 ¹²	4,096	1,940.622110756	7,566.882557786	1,778.770773851	0.108703069	e6617fe1d34cbe3c33742e46286358053c7826342d2be08652973d2961670fdf
		2 ¹³	8,192	3,866.202872409	15,133.765115572	3,549.884600463	0.213602067	1f79baf6309d5c29c999ebc16e883032878e8bd0fa5b5008d2b1cb92d93aeb99
		2 ¹⁴	16,384	7,732.405744818	30,267.530231144	7,090.031842629	0.422583854	3119547eeb037ebae5c772ed7855b2d164f43ff45af7fca26d773d947c824ab2
		2 ¹⁵	32,768	15,464.811489636	60,535.060462288	14,180.063685258	0.838704228	53a55f13269b65d404109c940c989afb1182872ac98c53a9ec69fef1d091a65
		2 ¹⁶	65,536	30,929.622979272	121,070.120924576	28,360.127370516	1.672021339	fd9ff1cf462d6c943305e320afca5901e3828f8e5bf30cf5d465eb8d26f3eaa
		2 ¹⁷	131,072	61,859.245958544	242,140.241849152	56,720.254741032	3.335643133	ac3ac0405beeb9f093c5aba056cb16b4ac09f9bdccf83a03261f906f5e7372c2
		2 ¹⁸	262,144	123,718.491917088	484,280.483698304	113,440.509482064	6.694303112	0fd72707d6b68d06e748dccd6119fa057363548b006e184afb8dec41da29bb08
		2 ¹⁹	524,288	247,436.983834176	968,560.967396608	226,881.018964128	13.340593447	6282037c968a16d1cc254c2f798a0247552815d504b5d8d02cddb70c5e34cfed
		2 ²⁰	1,048,576	494,873.967668352	1,937,121.934793220	453,762.037928256	26.686178312	00125a976df95da8465854e15054b0dae1da1acccf902e4c78502ffe3c40e6d0
		2 ²¹	2,097,152	989,747.935336704	3,874,243.869586440	907,524.075856512	53.367386475	20a22e505b340e79856c955ccacbb6e29857de127dc9784a211ab8e93e53ebf9
		2 ²²	4,194,304	1,979,495.870673410	7,748,487.739172880	1,815,048.151713020	106.646391387	9d3fa9c142a8fa36260a05328dbc2317dab6eddcf048444977573bb02de12d9
		2 ²³	8,388,608	3,958,991.741346820	15,496,975.478345800	3,630,096.303426040	213.269493807	610c2416261b044af67a5d08ece68410ccd6eeac28f7c994607c921505c157e6
		2 ²⁴	16,777,216	7,917,983.482693640	30,993,950.956691600	7,260,192.606852080	426.672729114	c1be5f11bd33d7715811ef0c4ade4e3d81f0ba4d56e544c2b79485023ada59cb
		2 ²⁵	33,554,432	15,835,966.965387300	61,987,901.913383200	14,520,385.213704200	854.426909806	fee90e2cfbc421fbd90bd775c19ee757192c08a28ec5ce0c91cd1e163190e536
		2 ²⁶	67,108,864	31,671,933.930774600	123,975,803.826766000	29,040,770.427408400	1,713.729387525	7efc6758d94278cd5770a8b17d5ced975a68389f9445247dfb02b6745d91cc2a
		2 ²⁷	134,217,728	63,343,867.861549200	247,951,607.653532000	58,081,540.854816800	3,434.390719215	5ff62f3e0a305d72f8a0ca1f6acbbbce581cd484a4cd8e3bc6bfc19d20ca49
		2 ²⁸	268,435,456	126,687,735.723098000	495,903,215.307064000	116,163,081.709634000	6,863.774999097	20e4bfbb35593edb800d3e475b741b7000a0cb227d0bc83cc55fafc962f55751
		2 ²⁹	536,870,912	253,375,471.446196000	991,806,430.614128000	232,326,163.419268000	13,573.347056227	eb5a7660e6cbb55edb8e3374ccfef403637ab31f63763950505f40d945a3056a
		2 ³⁰	1,073,741,824	506,750,942.892392000	1,983,612,861.228260000	464,652,326.838536000	25,381.994819007	506dad32edc97fea4633f9790e18f0bd32d44a93ad7af3a9a9085c3d4c52ede4
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Container size (elements)		Rounds		Execution time (seconds)				Digest (SHA-256)
				std::deque	std::list	std::vector	EntangledList	
2 ³⁰	1,073,741,824	—	0	0.000000000	0.000000000	0.000000000	0.000000000	af670004d250c6e89a938e721eaeffa0dab18f757d9c77eeee798c9b0a7b2711
		2 ⁰	1	0.832409094	2.351374069	0.574346815	0.000050760	9e81e49ed0065be48411bd452e89b09e256611977f4abef2d49ddc45d989cff1
		2 ¹	2	1.528928800	5.301184863	1.012571142	0.000099112	b27a86348f6ea17f1d9d8e2bbf28cff1e6a1761f722e13ce32732b49594af09f
		2 ²	4	3.374041946	12.447765656	2.823541839	0.000185462	5acf82de2657dbaaadd6ef377ce31a8b4b415b2d038c15846dce3eefc2e6b2b9
		2 ³	8	7.022593312	27.405835838	5.550459627	0.000354286	2aba8174084abf0e921e9b6577b3fe4de32436aeb7909e52b70ea51c6b849e4
		2 ⁴	16	14.372207809	55.628426148	11.872775118	0.000682714	d919649aaa3d85b976417bfff7b7e6c26470b8b49b8e973e68d93d687bd01ba7e
		2 ⁵	32	30.514190284	116.144374121	25.174423219	0.001298345	4ea1136ea4312a893964620ee3c5e7f3b40c08a0fcc3a4070d3d00fc04ba1860
		2 ⁶	64	60.209711189	227.767111438	52.783373533	0.002471388	5fb0ffa6a6078f72fc9ad829c9b0ce7a3ae2784731768ed0ccd0f9aa2ef46e82d
		2 ⁷	128	123.945464220	473.903383973	106.936040969	0.004735635	17e5aee729fea7b337a2b9b0413c39c5f0bcef32f8136e330e2f9b295a7c52bd
		2 ⁸	256	249.080144386	939.431255741	217.855181148	0.009033308	a642e82bf5d1a152a0fa77c9d6ec848344a34ce34f7da5bd755f7126dd490ec4
		2 ⁹	512	497.588436359	1,892.100336435	435.686689544	0.017365450	ce2872c3270cb06f0f9a5ca9a75e56cc03dbefc6d4e9939b3bdd0bc40982f029
		2 ¹⁰	1,024	996.828295905	3,815.657662655	880.293230217	0.033592407	e8bfedb0476e60995634c7f7d738ba102721aae258c9a215bd7f2747b5244143
		2 ¹¹	2,048	1,992.016681870	7,567.820060194	1,744.529386366	0.065292524	a3591c331c1e369e4b5cacc4f53500b97bc573ca66a438aca1db401d1a7ac71a
		2 ¹²	4,096	3,958.015401204	15,135.640120388	3,478.724903344	0.127652833	404b5c195ab8ca7eca2c208c3287d5a99f2b8b1cbf8062ce8a417c2751facdc4
		2 ¹³	8,192	7,916.030802408	30,271.280240776	6,975.678057634	0.250393514	7719ce0391c51fd6d405cc4a120d8ba59c9e4992d2e7ccbc969d0cb1674b8884
		2 ¹⁴	16,384	15,832.061604816	60,542.560481552	13,951.356115268	0.495053601	2dd2575a1990c4d36bb6eed994e7dd2a9dbf78c111243b9db7caa88ac091ad0a
		2 ¹⁵	32,768	31,664.123209632	121,085.120963104	27,902.712230536	0.981597404	ac96766c32321c1f6577fb1247203c2b4aac4c13dfcab08c96df4a419f1ba35f
		2 ¹⁶	65,536	63,328.246419264	242,170.241926208	55,805.424461072	1.950199033	90fde036385c690e54831b49bb7a58c1223a1052fcac5b69cbd83290676d9293
		2 ¹⁷	131,072	126,656.492838528	484,340.483852416	111,610.848922144	3.884469412	8db650b6b4050db710d4eeb873cecc5edeb6bbf71e438e38f4592e2c78ee8583
		2 ¹⁸	262,144	253,312.985677056	968,680.967704832	223,221.697844288	7.751926656	269df282bf5f411ac5a38db5a0a88d1127b85515c47c3abf666627637b29dc39
		2 ¹⁹	524,288	506,625.971354112	1,937,361.935409660	446,443.395688576	15.515006371	134eddb1fa56fb2b011c9194b80ec5fb6c8b5f619ff33ed62b8d485e1d47de58
		2 ²⁰	1,048,576	1,013,251.942708220	3,874,723.870819320	892,886.791377152	30.999441926	7460725f6f601c43d174c17d0e7fabe34654676be5f69f4f57dd0394b5157260
		2 ²¹	2,097,152	2,026,503.885416440	7,749,447.741638640	1,785,773.582754300	62.144910797	60378632025b65a558cb2e6ffca0f64deb621e933370ff3d4ce642854ca55113
		2 ²²	4,194,304	4,053,007.770832880	15,498,895.483277300	3,571,547.165508600	124.001609891	da53533d7beccd0c1c4a9b9f46213cbd081d4e174f2da486d72c1673936b74b2
		2 ²³	8,388,608	8,106,015.541665760	30,997,790.966554600	7,143,094.331017200	247.568809230	e6587b06faf7cb14cd33c39c777e4bc1a4259fa65fa78ee3c4af36488f90da4e
		2 ²⁴	16,777,216	16,212,031.083331500	61,995,581.933109200	14,286,188.662034400	494.402923637	9e97228307207141aa04216614296350b03072d5ebe502cc30cbe2da9f22365d
		2 ²⁵	33,554,432	32,424,062.166663000	123,991,163.866218000	28,572,377.324068800	987.366776199	53f845f2dec59c4eac2a0574ca535ab80d6959733a039b7fdb8495f7d3aac52
		2 ²⁶	67,108,864	64,848,124.333326000	247,982,327.732436000	57,144,754.648137600	1,970.654530022	70d1bca305a7a4c887c5a3180264cdc9498335b72b6f908b95acfe8a0aac5e62
		2 ²⁷	134,217,728	129,696,248.666652000	495,964,655.464872000	114,289,509.296275000	3,927.770192406	8c779768b2b1dc411ebf2956de1978ae4b022f9744a1d071373f2f6cecec4e42
		2 ²⁸	268,435,456	259,392,497.333304000	991,929,310.929744000	228,579,018.592550000	7,809.990749448	a951b5602796592ad074c05e49e348af6c9155503e7cbd439a3fa30fa6f4336b
		2 ²⁹	536,870,912	518,784,994.666608000	1,983,858,621.859490000	457,158,037.185100000	15,458.393532896	3dba5dc78e52a5cb5cc8b2a369e4b1bffb28b154a200ecd84eae11f10055dc6
		2 ³⁰	1,073,741,824	1,037,569,989.333220000	3,967,717,243.718980000	914,316,074.370200000	30,162.014037496	7ebb602d404e4a2b06d2ccf3e9a421d6effa54aa4d38dc15a6c11feef0264398
Time limit				3,600 seconds	7,200 seconds	3,600 seconds	Unlimited	

Extrapolated (doubling the previous one)

Hardware and software used in “Advanced” benchmark

Hardware	Model	OVH Advance-1 Gen 2 (bare metal)	
	Processor	Intel® Xeon® E-2386G - 6 cores / 12 threads, 3.5 GHz base / 5.1 GHz turbo	
	Memory	128 GB DDR4-3200 ECC	
Software	Operating system	Red Hat Enterprise Linux release 9.4 (kernel 5.14.0-427.13.1)	
	IDE	Qt Creator 14.0.1 (Qt 6.7.3)	
	Compilers	Clang 18.1.8 (Red Hat 18.1.8-3); GCC 11.5.0 (Red Hat 11.5.0-2)	
System-specific configurations		vm.dirty_background_ratio	100
		vm.dirty_ratio	100
		vm.overcommit_memory	1
		vm.swappiness	0