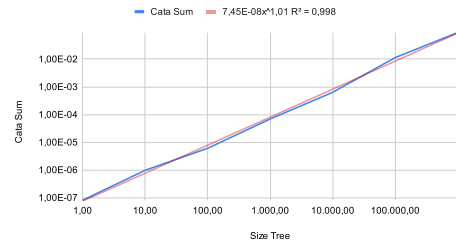
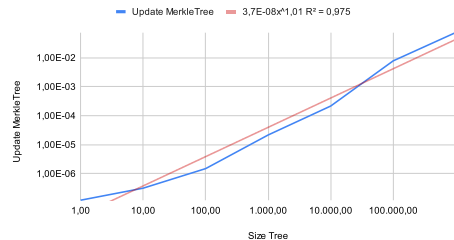


Size Tree	Cata Sum	Update MerkleTree	Incr. Comp. Trie	Incr Comp Map	Cata Sum Trie	Cata Sum Map				Time Complexity	Trie	Map	Sum			N log N	TrendLine - CataSum Trie (log N)^2	TrendLine - Inc Map	
1,00	8,11E-08	1,22E-07	4,30E-06	3,54E-06	1,09E-06	1,10E-06				Initial Build	N log N	N log N	N			0	1,00E-06	0	0,00E+00
10,00	9,74E-07	3,17E-07	9,36E-06	1,21E-05	1,04E-05	1,13E-05				Incremental	log N	(log N)^2	N			10	1,00E-05	1	3,50E-06
100,00	6,07E-06	1,50E-06	2,07E-05	2,22E-05	2,12E-04	1,89E-04										200	2,00E-04	4	1,40E-05
1.000,00	6,92E-05	2,17E-05	4,06E-05	3,04E-05	4,99E-03	2,63E-03										3000	3,00E-03	9	3,15E-05
10.000,00	6,37E-04	2,16E-04	6,28E-05	6,99E-05	8,95E-02	3,99E-02										40000	4,00E-02	16	5,60E-05
100.000,00	1,14E-02	7,82E-03	7,18E-05	9,43E-05	9,76E-01	6,24E-01										500000	5,00E-01	25	8,75E-05
1.000.000,00	9,16E-02	7,41E-02	9,33E-05	1,23E-04	12,71	10,42										6000000	6,00E+00	36	1,26E-04

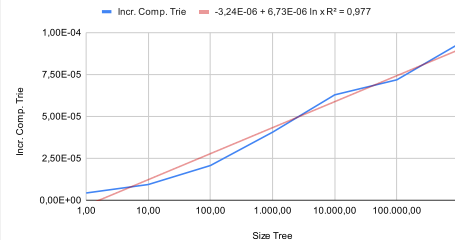
Cata Sum versus Size Tree



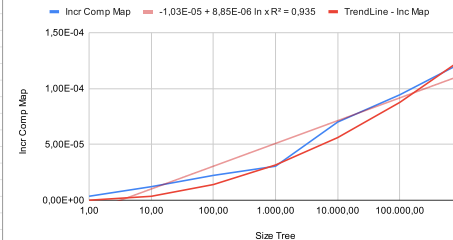
Update MerkleTree versus Size Tree



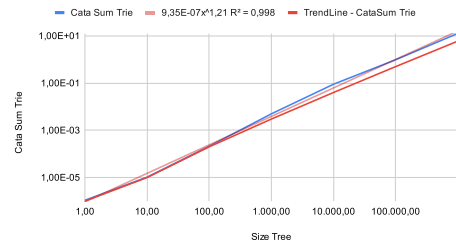
Incr. Comp. Trie versus Size Tree



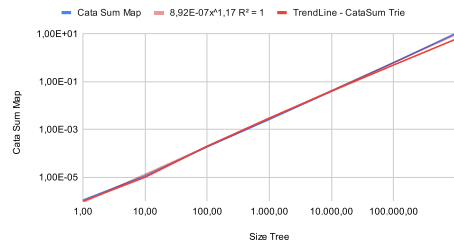
Incr Comp Map versus Size Tree



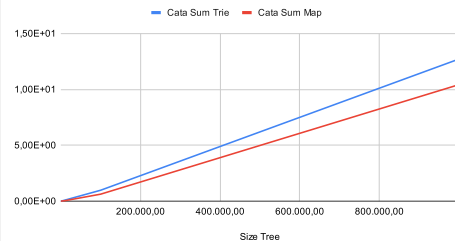
Cata Sum Trie versus Size Tree



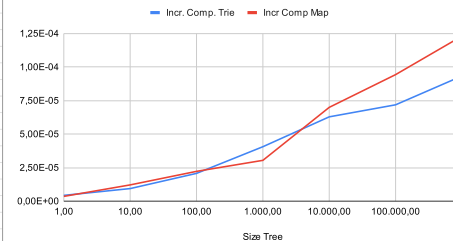
Cata Sum Map versus Size Tree



Cata Sum Trie en Cata Sum Map

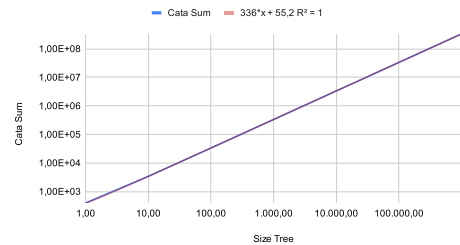


Incr. Comp. Trie en Incr Comp Map

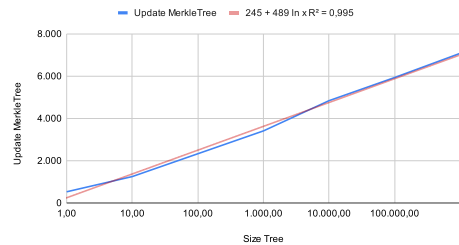


Size Tree	Cata Sum	Update MerkleTree	Incr Comp Map	Incr Comp Trie	Cata Sum Map	Cata Sum Trie	Memory Allocation	Trie	Map	Sum
1,00	4,00E+02	528	2,33E+04	2,37E+04	3,80E+03	4,42E+03	Initial Build	N	N	N
10,00	3,42E+03	1248	6,90E+04	7,10E+04	3,43E+04	3,72E+04	Incremental	log N	log N	N
100,00	3,37E+04	2328	1,38E+05	1,41E+05	3,69E+05	4,18E+05				
1.000,00	3,36E+05	3408.005	2,08E+05	2,15E+05	3,99E+06	4,81E+06				
10.000,00	3,36E+06	4838.143	3,03E+05	3,15E+05	4,33E+07	5,24E+07				
100.000,00	3,36E+07	5932.991	3,77E+05	3,97E+05	4,66E+08	5,82E+08				
1.000.000,00	3,36E+08	7078.691	4,49E+05	4,75E+05	4,98E+09	6,33E+09				

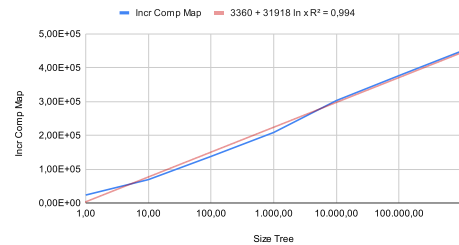
Cata Sum versus Size Tree



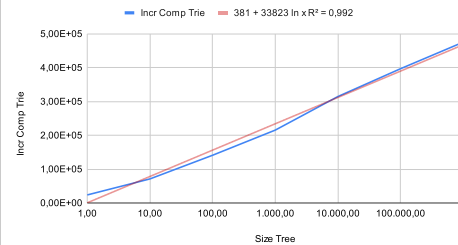
Update MerkleTree versus Size Tree



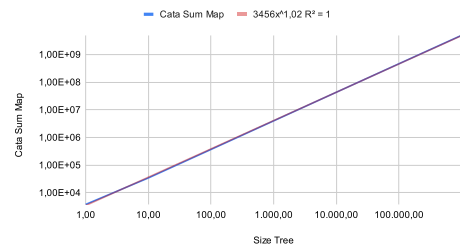
Incr Comp Map versus Size Tree



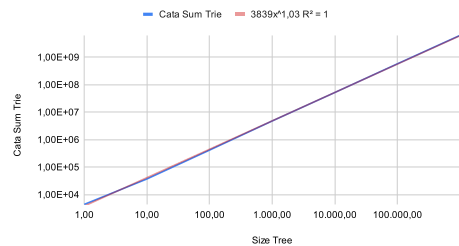
Incr Comp Trie versus Size Tree



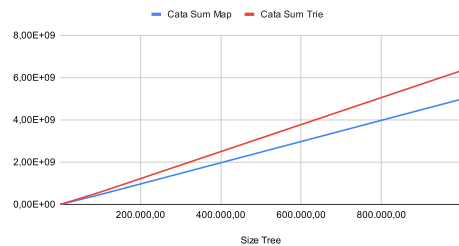
Cata Sum Map versus Size Tree



Cata Sum Trie versus Size Tree



Cata Sum Map en Cata Sum Trie



Incr Comp Map en Incr Comp Trie

