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Benchmark	Time	Instructions	Rel to start	Rel to prev	Improvement	
Midmark	8.50 seconds	31,791,988,727	1.0	1.0	None (starting point)	
Advent	69.18 seconds	-	1.0	1.0		
Sandmark	199.84 seconds	-	1.0	1.0		
Midmark	3.57 seconds	20,388,328,137	0.42	0.42	Compiled with -O1	
Advent	29.58 seconds	-	0.428	0.428		
Sandmark	79.28 seconds	-	0.396	0.396		
Midmark	4.27 seconds	20,899,285,466	0.502	1.19	Compiled with -O2	
Advent	34.93 seconds	-	0.505	1.18		
Sandmark	93.21 seconds	-	0.466	1.176		
Midmark	2.32 seconds	7,598,848,005	0.273	0.543	Removed Bitpack_getu,	
Advent	21.56 seconds	-	0.312	0.617	replaced with left and right shifts in execute.c	
Sandmark	58.12 seconds	-	0.291	0.624		
Midmark	1.40 seconds	4,632,093,100	0.165	0.603	Instead of loading m[0]	
Advent	11.94 seconds	32,928,655,986	0.173	0.554	each loop, now it only loads when it has been	
Sandmark	35.32 seconds	-	0.177	0.608	changed to a new segment.	
Midmark	0.9 seconds	4,532,102,048	0.106	0.643	The load_program	
Advent	8.29 seconds	31,449,796,746	0.119	0.694	instruction now only calls the load_program	
Sandmark	22.51 seconds	111,990,430,139	0.113	0.637	function if registers[b] != 0. If it is 0, it just jumps to registers[c] in the	
					current program.	
Midmark	0.84 seconds	4,428,153,030	0.098	0.933	Made the instruction functions inline.	
Advent	7.51 seconds	30,012,340,214	0.108	0.906		
Sandmark	21.19 seconds	109,408,482,342	0.106	0.941		
Midmark	0.80 seconds	4,419,210,361	0.094	0.952	Removed Bitpack_newu calls,	
Advent	6.86 seconds	29,919,584,145	0.099	0.913	replaced with left and right shifts in load.c	
Sandmark	20.27 seconds	109,405,090,306	0.101	0.956	ngni siints iii lodu.c	
Midmark	0.76 seconds	3,962,868,477	0.089	0.951	Removed unnecessary	

Advent Sandmark	6.27 seconds 19.28 seconds	26,088,947,165 98,019,426,348	0.091 0.096	0.913 0.951	calls to Seq_get in the segmented_load function when registers[b] == 0.
Midmark	0.75 seconds	3,588,359,785	0.088	0.937	Removed unnecessary
Advent	6.11 seconds	23,794,173,431	0.088	0.891	calls to Seq_get in the semgented_store
Sandmark	18.84 seconds	88,696,364,247	0.094	0.977	function when registers[a] == 0.