Lab-Notes

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Benchmark	*Time(s)*	*Instructions*	*Rel to start*	*Rel to prev*	*Improvement*
midmark	4.02	19.27×10^9	1.000	1.000	No improvement
sandmark	100.011	---	1.000	1.000	
midmark	2.341	12.29×10^9	0.582	0.582	Compiled with optimization turned on and linked against -lcii-O1
sandmark	58.104	---	0.581	0.581	
midmark	2.16	11.94×10^9	0.537	0.923	Compiled with optimization turned on and linked against -lcii-O2
sandmark	54.237	---	0.542	0.933	
midmark	1.59	10.22×10^9	0.396	0.736	Change Seg_T from hanson Seq_T to dynamic array
sandmark	39.703	---	0.397	0.732	
midmark	0.999	7.11×10^9	0.249	0.628	Change mem->segs from hanson Seq_T to dynamic array
sandmark	24.885	---	0.249	0.627	
midmark	0.983	7.10×10^9	0.245	0.984	Remove use of Bitpack with bit shift in load.c
sandmark	24.621	---	0.246	0.989	
midmark	0.878	5.64×10^9	0.218	0.893	Remove Seg_get with inlin function
sandmark	21.991	---	0.220	0.893	
midmark	0.832	5.34×10^9	0.207	0.948	Change mem->unmapped from hanson Stack_T to our own stack
sandmark	20.865	---	0.209	0.949	
midmark	0.538	3.74×10^9	0.134	0.647	Remove calls of loadSegment() in execute
sandmark	13.616	---	0.136	0.653	
midmark	0.508	3.24×10^9	0.126	0.944	Remove calls of addInstr() and Seg_put()
sandmark	12.763	---	0.128	0.937	
midmark	0.463	2.95×10^9	0.115	0.911	Remove calls of storeSegment() in execute
sandmark	11.709	---	0.117	0.917	
midmark	0.450	2.77×10^9	0.112	0.972	Change into inline
sandmark	11.411	---	0.114	0.974	