

Debug symbols sim-recon

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CUA

Hall-D Offline Meeting

8/19/15

sim-recon build performance w/ & w/o debug symbols I

Intel i7, 3.5 GHz, 8GB RAM, 8 procs

RHEL-7.1 build using 8 CPUs

gcc-4.8.3

clang-3.4.2

Debug symbols	On	Off	On	Off
Disk use	11.4 GB	1.3 GB	7.7 GB	1.4 GB
Max. Mem.	80%	60%	50%	30%
Time (m:s)	8:12	5:12	4:39	3:24

sim-recon build performance w/ & w/o debug symbols II

Intel i7, 2.2 GHz, 8GB RAM, 8 procs

CentOS-7.1 build using 8 CPUs

gcc-4.8.3

clang-3.4.2

Debug symbols	On	Off	On	Off
Disk use	11.4 GB	1.3 GB	7.7 GB	1.4 GB
Max. Mem.	80%	60%	50%	30%
Time (m:s)	18:29	13:19	11:18	9:23