Speed Test Multimap - Normalized Time - Insertion Only (125-65536000 Items) 1.8 std::multimap gnu cxx::hash multimap 1.6 stx::btree multimap<4> stx::btree multimap<8> -1.4 stx::btree\_multimap<16> stx::btree multimap<64> stx::btree multimap<128> 1.2 std::multimap - -x gnu cxx::hash multimap - -x- stx::btree multimap<4> --x-stx::btree multimap<8> - -x--8.0 stx::btree multimap<16> --x-stx::btree multimap<64> - -x- stx::btree multimap<128> --x--0.6 0.4 0.2 100 1000 10000 100000 1000000 10000000

Inserts

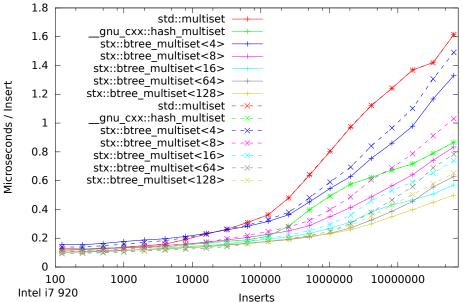
Microseconds / Insert

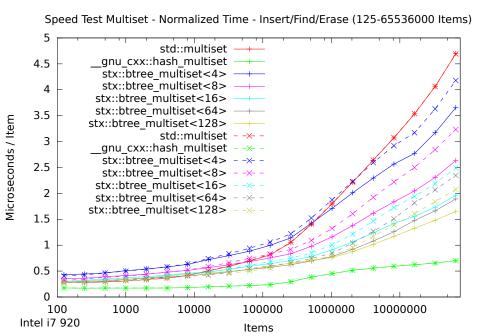
Intel i7 920

Speed Test Multimap - Normalized Time - Insert/Find/Erase (125-65536000 Items) std::multimap gnu cxx::hash multimap 4.5 stx::btree multimap<4> stx::btree multimap < 8 > stx::btree\_multimap<16> stx::btree multimap<64> 3.5 Microseconds / Item stx::btree multimap<128> std::multimap - -x -3 gnu cxx::hash multimap - -x- stx::btree multimap<4> - -x- -2.5 stx::btree multimap<8> --x-stx::btree multimap<16> - -xstx::btree multimap<64> - -x- stx::btree multimap<128> --x--1.5 0.5 100 1000 10000 100000 1000000 10000000 Intel i7 920 Items

Speed Test Multimap - Normalized Time - Find Only (125-65536000 Items) 1.6 std::multimap gnu cxx::hash multimap 1.4 stx::btree multimap<4> stx::btree multimap<8> stx::btree\_multimap<16> 1.2 stx::btree multimap<64> Microseconds / Item stx::btree multimap<128> std::multimap - -x gnu cxx::hash multimap - -x- stx::btree multimap<4> --x--8.0 stx::btree multimap<8> - -x-stx::btree multimap<16> --x-stx::btree multimap<64> - -x- -0.6 stx::btree multimap<128> --x--0.4 0.2 100 1000 10000 100000 10000000 1000000 Intel i7 920 Items

Speed Test Multiset - Normalized Time - Insertion Only (125-65536000 Items)





Speed Test Multiset - Normalized Time - Find Only (125-65536000 Items) 1.6 std::multiset gnu cxx::hash multiset 1.4 stx::btree multiset<4> stx::btree multiset<8> ---stx::btree multiset<16> -1.2 stx::btree multiset<64> — Microseconds / Item stx::btree multiset<128> std::multiset - -x gnu cxx::hash multiset - -x- stx::btree multiset<4> --x--8.0 stx::btree multiset<8> - -x- stx::btree multiset<16> - -x- stx::btree multiset<64> - -x- -0.6 stx::btree multiset<128> --x-0.4 0.2 100 1000 10000 100000 1000000 10000000 Intel i7 920 Items