

sort.c

`gcc -O3 -g sort.c -o sort.exe`

sort.exe

5910 ms

`perf record -e cs_etm/@20070000.etr/u --per-thread ./sort.exe`

perf.data

contains ETM execution traces

`perf inject -i perf.data -o inject.data --itrace` compile ETM to LBR

inject.data

contains LBR events

`create_gcov --binary=sort.exe --profile=inject.data --gcov=sort.gcov`

sort.gcov

`gcc -O3 -fauto-profile=sort.gcov sort.c -o sort-autofdo.exe`

sort-autofdo.exe

5806 ms