```
sort.c
```
│ gcc −O3 −g sort.c −o sort.exe
▼
```
sort.exe
```
│ 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
```