

CUDASW++4.0: Supplementary File

Bertil Schmidt, Felix Kallenborn, Alejandro Chacon, Christian Hun

January 2024

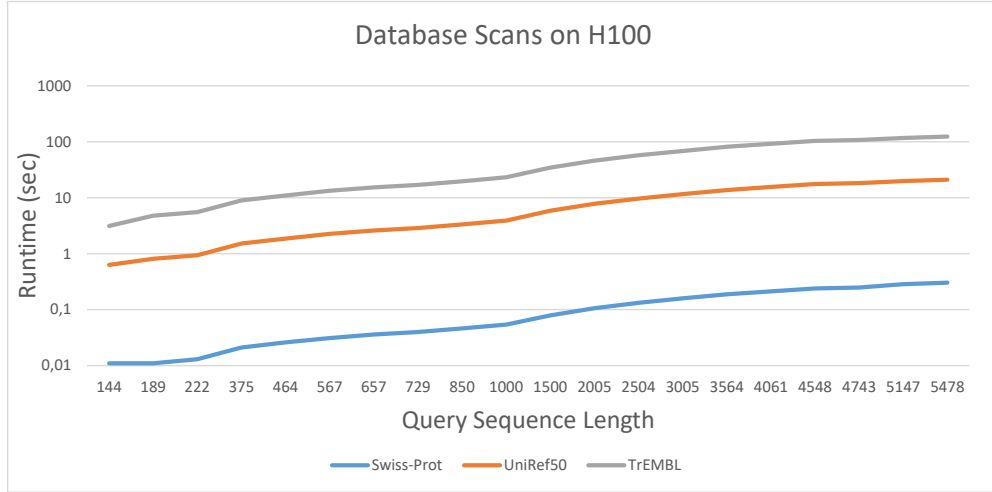


Figure 1: CUDASW++4.0 runtimes (in seconds) for scanning Swiss-Prot, UniRef50, and TrEMBL with queries of different length on H100.

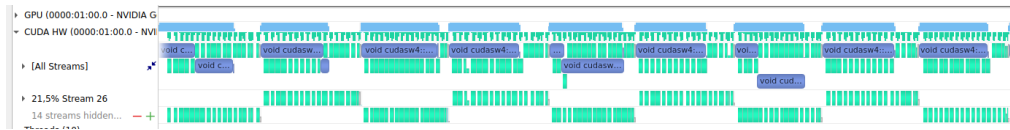


Figure 2: Screenshot of the Nsight systems profiler for execution of CUDASW++4.0 using a query of length 222 to scan a batched UniRef50 database.

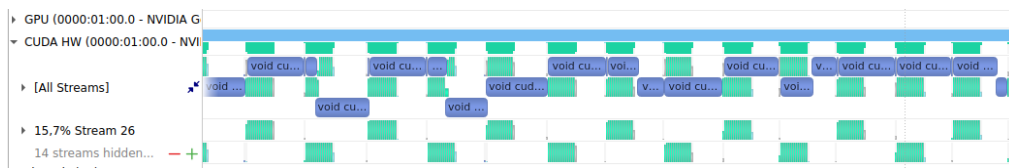


Figure 3: Screenshot of the Nsight systems profiler for execution of CUD-ASW++4.0 using a query of length 375 to scan a batched UniRef50 database.