Chapter 5: Measuring and Reporting Performance

Elements of Parallel Computing

Eric Aubanel

Timing

- What is timed
- Resolution of timer

Data Size

- Carefuly choose range of data set sizes
- Strong/weak scaling plots

Experimental Parameters

- Give all details of application (data sets, parameters, . . .) and computer (HW, compiler with version number and flags)
- Make repeated runs, report median or mean