Instructions

This exercise consists of four benchmarks: DGEMM, N-Body, a dot product and the Mandelbrot set.

Todo

1. Log in to jureca

2. Copy the exercises to your account.

3. Switch to the directory CudaBasics/exercises/tasks/getting_started

4. Load the needed module by sourcing *setup.sh* (`` `. setup.sh`` ``)

5. Get a node with 4 gpus for 8 hours. Make sure the display is forwarded (see cheat sheet)

6. Run `make` to build the programs.

7. Run all benchmarks by executing `./bench_all.sh`. Each benchmark will create a plot that compares performance for different setups and display it on your screen. You can ignore the warning and error messages as long as the plots appear on your screen.