

Parellel

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1 Installation

I was extremely lucky with the installation of MPIC++. The Linux distribution that I use (ArcoLinux) came with it preinstalled by default. To verify this, I ran the code from class and everything ran smoothly.

2 Compile and Run Commands

In order to run the program there are two commands you need to use. The first is how you compile the program. You do:

```
mpic++ main.cpp -o jname-of-output-filej
```

After it is compiled, you should have a new file called jname-of-output-filej.out. To run this you do:

```
mpirun -np jnumber-of-processesj jname-of-output-filej.out
```

The program will then run.