Cray Chapel on LRZ’s HPC systems

A preview release of the reference implementation is available on some of the LRZ HPC systems.

Interactive testing

Please load the module

```chapel
module load chapel
```

Then, the program

```chapel
config const message = "Hello, world!",
                printLocaleName = true;
coforall loc in Locales {
    on loc {
        var myMessage = message + " (from locale " + here.id + " of " + numLocales;
        if (printLocaleName) then myMessage += " named " + loc.name;
        myMessage += ");
        writeln(myMessage);
    }
}
```

stored in `hello-multiloc.chpl` can then be compiled with

```chapel
chpl -o hello.exe hello-multiloc.chpl
```

and then executed using multiple locales.

```bash
./hello.exe -nl 2
```

On the Linux Cluster, you need to set the following SLURM environment variable that specifies your time limit before executing your program:

```bash
export CHPL_LAUNCHER_WALLTIME=00:15:00
```