

Instructions

The file `poisson2d.f90` is to be GPU-accelerated with `do concurrent`.

Jacobi solver with `do concurrent`

Please have a look at the file and work on the indicated lines (see 'TODO's).

- `DO CONCURRENT (...)` [locality-spec] can be used to accelerate the loop.

```
do concurrent (i = 1: n, j=1,m)
```

- Compare the results with the explicit and CUF kernel versions.
- Be sure to load the custom modules of this task.

```
source setup.sh
```

- For compilation, use

```
make
```

- To run your code, call `srun` with the correct parameters. A shortcut is given via

```
make run
```