

## Does heckle have dynamic load balancing ?

No. Not yet. Heckle is partitioned with rectangular MPI domains.

The automatic partitioning currently uses only the number of cells, trying to minimize the surfaces and maximize the volume of partitions. It might not be well suited to your initial condition and create large initial load imbalance.

In this case we recommend to define manually the number of MPI domains in each directions. See [Can I choose the number of MPI rectangular partition along each directions ?](#)