Exercise

Create a performance map

Submit jobs

- Copy the data
  ```
  cp -r $KURS/exercises/hpcfdx9 $MYWS
  ```

- Change into the directory
  ```
  cd $MYWS/hpcfdx9
  ```

- Submit all jobs
  ```
  qsub job_[n].pbs
  ```
  with n out of [010, 020, 040, 080, 160]

Extract performance data

- These steps are collected in the script
  `./creategraphs.sh:`
  - Solver writes performance data in timing.res, which has to be prepared
    `./cleanup.sh`
  - Create a database out of this file
    `python timing2db.py timing.new`
  - Use makeData.py to create data series that are more plotting-friendly
    `python makeData.py`

Create the plot

- Create the plot (covered by the creategraphs.sh)
`gnuplot plot.gnu`

- Display the result
`evince perfmap.eps`