











Programming the OpenMP API

Hands-on

Hands-on Exercises

- Use your own (small) code if you have something handy
- There is a series of small hands-on examples that you can use and play with.
 - Download: `git clone https://github.com/mjklemm/HLRS-openmp-workshop.git`
 - Build: `make`
 - You can then find the compiled code in the “bin” folder to run it
 - Some examples will fail to compile, because they require previous solutions
 - We use the GCC/AOMP compiler mostly, some examples require Intel’s Math Kernel Library
- Each hands-on exercise has a folder “solution”
 - It shows the OpenMP directive that we have added
 - You can use it to cheat 😊, or to check if you came up with the same solution

Structure

 mjklemm Initial import	734950c · last week	 1 Commits
 00-worksharing	Initial import	last week
 01-tasks	Initial import	last week
 02-dependencies	Initial import	last week
 03-cut-offs	Initial import	last week
 04-matmul	Initial import	last week
 07-fibonacci	Initial import	last week
 08-quicksort	Initial import	last week
 Makefile	Initial import	last week