alpaka Parallel Programming – Online Tutorial Recap of Lecture 10 // Announcements



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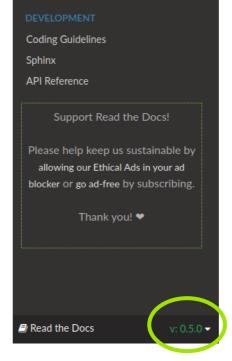




- Threads are executed by physical / logical cores
- Thread scheduling order unspecified
- Set of cores: Device
- Devices are attached to one Host
- Threads apply Kernels to data elements
- Number of Threads needs to be adapted to the problem size
- Introduced Thread hierarchy
- Grid consists of all Threads
- Grid is divided into Thread Blocks of equal size

Announcements

- Additional prerequisite for examples: OpenMP 2.x
 - Apple users: https://github.com/alpaka-group/alpaka/issues/1055
- https://alpaka.readthedocs.io: Choose correct version







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