appentra
make code parallel

Parallelware Trainer

A user-oriented approach for HPC training

An Integrated Development Environment designed to facilitate the learning, usage, and implementation of parallel programming, along with the ability to test the performance improvements of particular parallel implementations.

What parallel programming skills can you learn with Parallelware Trainer?

- Detect defects in parallel code, i.e. race conditions not detected yet.
- Enforce best practices for parallel programming through suggestions for code refactorization.
- Discover parallelization opportunities through in-depth static code analysis.
- Quickly design and implement parallel code for CPU/GPU using OpenMP/ OpenACC.

Try for free at
appentra.com/products/parallelware-trainer

How does Parallelware Trainer help to analyze, design and implement parallel software?

- Analysing the source code to help you to decide how to parallelize .

  Practical step-by-step approach to parallelization based on code patterns.

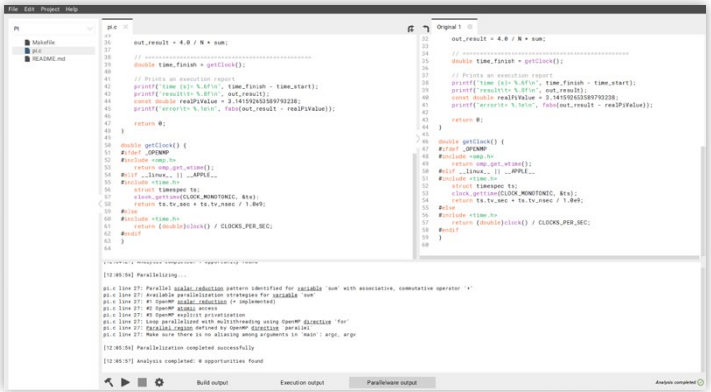
  Learn to decompose real codes into code patterns and focus on the hotspots.

- Implementing parallel versions of the code for CPU and GPU.

  Learn best practices for parallel programming that experts use in real codes like CORAL LULESH.

  Quickly develop parallel versions using OpenMP and OpenACC for multicore CPUs and GPUs.

  Experiment and compare the performance of the different parallel versions.



PARALLELWARE TRAINER

Available for Linux (x86-64 and Power), Windows and MacOS.

Contact us and get more information:
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