

Autotuning Parallel Application in Heterogeneous Systems

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Supervisor:

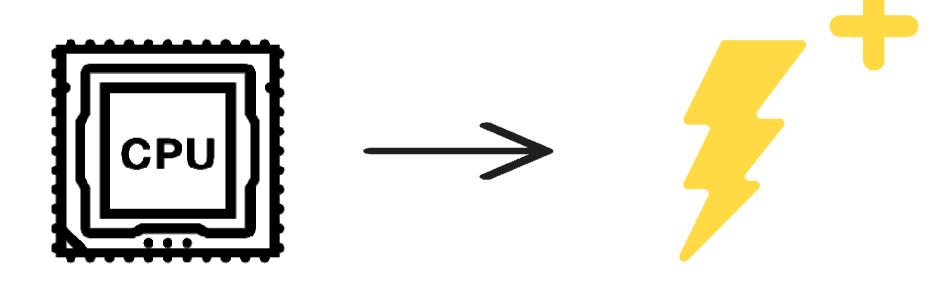
Jorge Manuel Gomes Barbosa



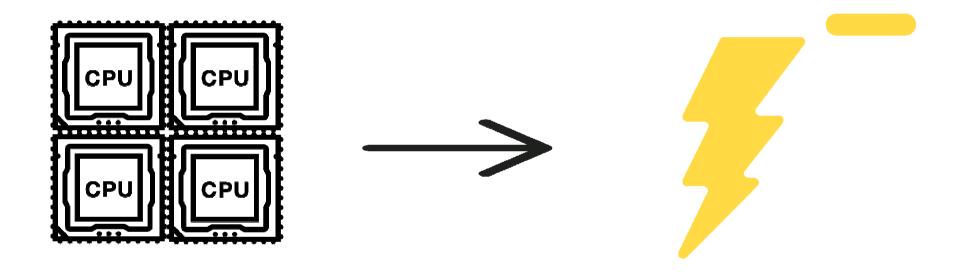
Agenda

- Context
- Problem
- Possible Solution
- Solution's Approaches
- Solution's Methodologies
- Solution's Validation
- Impact

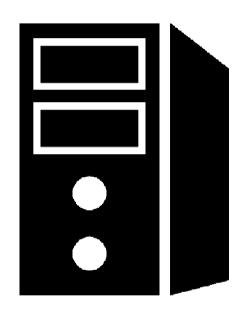
Context

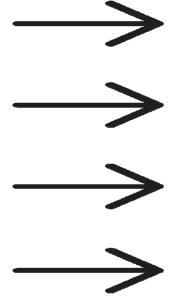


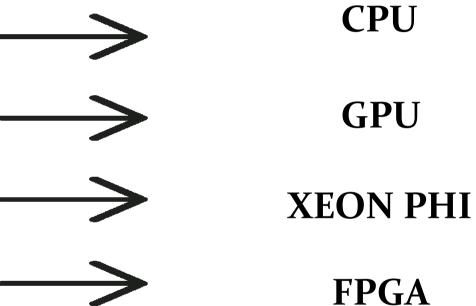
Context



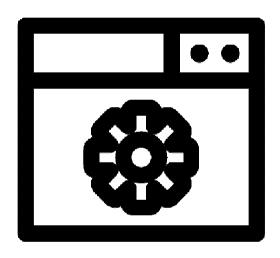
Context





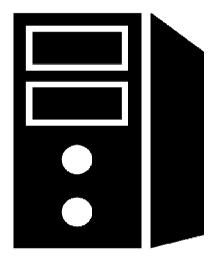


Problem



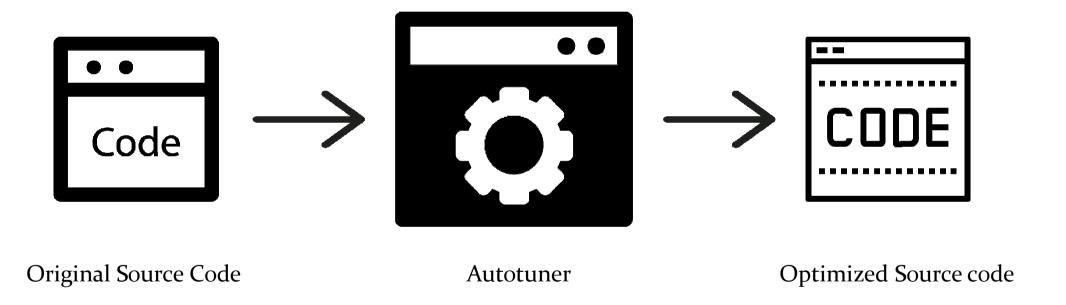






Heterogeneous System

Possible Solution



Impact



Highest Performance



Less Energy Consumed



Developers' Time Saved

