

Virtual Institute – High Productivity Supercomputing

Partnership to develop advanced programming tools for complex simulation codes

Goals

- Improve code quality
- Speed up development

Activities

Development & integration of HPC programming tools

- Scalable
- Easy to use

Service

- Support email lists
- Application engagement

Bring-your-own-code tuning workshops

- 3 – 5 days
- Overview of tool suite
- Functionality of individual tools
- Hands-on experience & expert assistance using the tools

Academic workshops especially for young scientists

- PROPER workshop series in conjunction with Euro-Par conference

More information

www.vi-hps.org

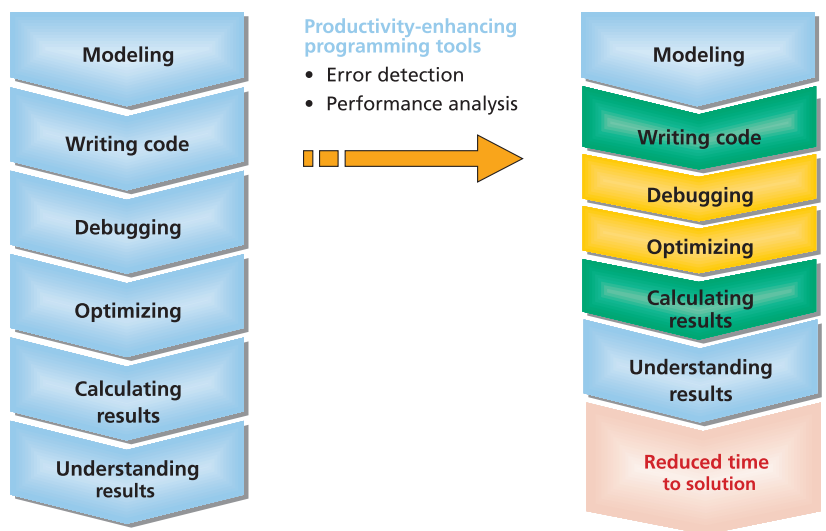
Contact

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Sponsored by



Supercomputing productivity



Integrated tool suite

	Parallel Performance Dimemas mpiP Open SpeedShop Paraver	Debugging & Correctness Periscope Scalasca TAU Vampir AutomaDeD Memchecker MUST STAT		
Single Node Performance Callgrind MAQAO	Instrumentation OPARI2	Measurement Extrae PAPI Score-P	Integration Component-based Tool Framework LaunchMON P ³ MPI	Visualization Cube