The Cmpware Configurable Multiprocessor Development Kit (CMP-DK) version 3.0 for the Cell BE is a powerful software development environment for application programming of the Sony / Toshiba / IBM Cell Broadband Engine.

Features include:
- Eclipse based IDE
- Fast processor simulation (4M+ instr/sec)
- Profiling and performance monitoring
- Fast access to all system data
- Animated multicore display
- Special SPU scheduling and alignment tools

Programming multiple processing cores can be a challenge. Coordinating and balancing work among multiple processors adds a new level of complexity to traditional programming tasks.

The Cmpware CMP-DK for the Cell BE addresses the needs of programmers of multicore devices such as the Cell BE. A simulation-based software development environment provides more control and data visibility than hardware, often at a greatly reduced complexity and cost.

Our Eclipse-based Integrated Development Environment (IDE) is built from the ground up to support multicore device programming. Fast, easy access to all system data, presented in familiar formats makes the Cmpware CMP-DK easy to learn and easy to use.

Multiple views of system data allow executing software to be analyzed at the multiprocessor, source code, assembly language and register level.

The Cmpware CMP-DK lets programmers load, execute, profile and optimize multicore code all in one highly integrated IDE. When used with other standard Eclipse tools, all software development, including editing source code and compilation can all be done in one IDE.

The Cmpware CMP-DK is a multi-platform toolkit which runs on any system supporting Java and Eclipse. Improve the performance of your software. Reduce the number of bugs. Increase programmer productivity. Today.

Availability

The Cmpware CMP-DK version 3.0 for the Cell BE is available now. Single user licenses are $3995 and include support and updates for one year. See the Cmpware Web Site for more details.

- Increase software reliability
- Improve software performance
- Increase programmer productivity