

Cmpware, Inc.

Tools for multicore multiprocessing

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

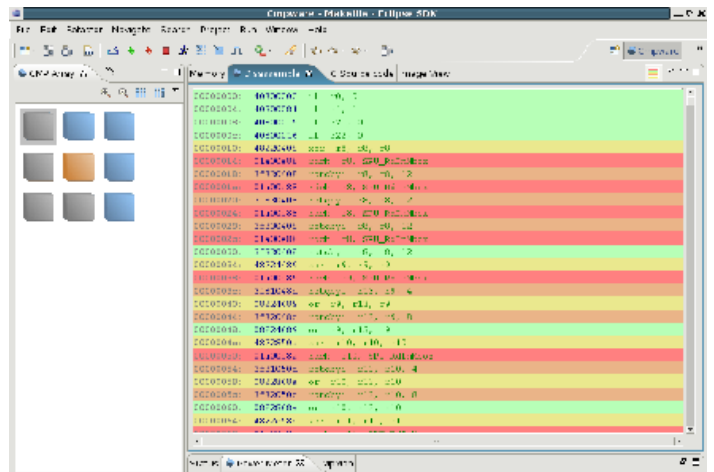
Programming multiple processing cores can be a challenge. Coordinating and balancing work among multiple processors adds a new level of complexity to traditional programming tasks.

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

