Parallelization Tool for Multicore NVIDIA Tegra Mobile Chips Shown at ESC Boston

Vector Fabrics has announced today they will showcase their vfEmbedded software development tool parallelizing code for NVIDIA's multicore mobile Tegra chip at ESC Boston. The vfEmbedded parallelization tool will be showcased at booth #424 at the Embedded Systems Conference.

vfEmbedded already supports the dual-core ARM Cortex-A9 configuration found in the current NVIDIA Tegra 2 mobile chip, and will also support the quad-core ARM processor in NVIDIA’s next-generation Tegra chip, Project Kal-El, designed for tablet and smartphone devices.

“We’re excited to see NVIDIA push the mobile industry toward multi-core. To fully unlock the performance potential of these high-performance architectures however, developers need multicore development tools. Optimizing the software by hand is simply too complex, takes too much time, is error prone, and won’t result in an optimal implementation. vfEmbedded tackles these challenges with ease,” says Mike Beunder, CEO at Vector Fabrics.

“Tegra’s energy-efficient, multicore processing capabilities are driving developers to deliver amazingly rich new experiences, such as real-time video editing and sophisticated photo creation. We’re delighted to see Vector Fabrics delivering tools to help programmers get the most from the Tegra multicore architecture,” said Chris Pedersen, Market Development Manager at NVIDIA.

Expert presentations will take place through the day at the ESC Boston 2011 Exhibition on the Vector Fabrics booth #424.

Vector Fabric’s vfEmbedded software development tool addresses the hard problem of partitioning and mapping software onto heterogeneous multicore SoC platforms. vfEmbedded lets you model your embedded platform, then takes you through the process of analyzing, parallelizing, and implementing your code. It is the only tool that gives you the precise information you need to make sure that the parallelized software will work correctly and have the highest performance on your multicore machine.

More information is available at http://www.vectorfabrics.com/ [1]

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[1] http://www.vectorfabrics.com/