CAPS to launch CAPS Compute Lab with BULL and NVIDIA

Accelerate your move to manycore computing

Press Release

Rennes, June 15th –
CAPS Entreprise, the industry leader in development tools for high performance applications with its HMPP™ (**H**ybrid **M**ulticore **P**arallel **P**rogramming) workbench, announces the launch of its **CAPS Compute Lab**, a first and exclusive EMEA solution center for hybrid computing with both BULL and NVIDIA partners.

As the industry is shifting toward hybrid computation technologies, the need for a solution enabling to rapidly and successfully evaluate the performance of software applications has become crucial.
By offering a remote access to a complete hardware/software platform along with CAPS high level expertise in manycore programming, CAPS Compute Lab provides a concrete and efficient answer to this need.

"All the HPC community is aware of the extraordinary performance potential that GPU-accelerated hardware systems combining NVIDIA Tesla with x86 can bring. There are already a few software applications in production but the adoption pace is quickly growing. Many industrial accounts have started to look at hybrid systems as a mean to speed up their strategic applications.", explains Jean-Marc Talbot, President & CEO of CAPS entreprise, "However, evaluating the impact of these technologies on the application side requires some effort in terms of acquiring a hardware prototype, installing and getting used to the software environment, porting applications, etc. CAPS Compute Lab initiative aims at accelerating the evaluation step by bringing a ready-to-use cluster along with all the software programming environment and CAPS expertise".

The CAPS Compute Lab Linux cluster combines 20 BULL NovaScale® R422 E2 compute nodes with 10 NVIDIA® Tesla™ S1070 servers for a peak performance of 42 Teraflops. This system comes with all the software components: CAPS HMPP hybrid programming workbench and NVIDIA CUDA™ environment.

" Bull is very proud to supply the cluster for the Compute Lab launched by our long-time partner CAPS. Combining Bull R422 E2 servers and NVIDIA Tesla S1070 systems is a very popular solution already adopted by some of our largest customers. CAPS' initiative will help hybrid computing gain momentum, by offering developers an easy and fast way to evaluate and port their applications on a fully operational hybrid system." declares Fabio Gallo, Vice President, High Performance Computing at Bull.

CAPS enables its customers to experiment their industrial applications on their hybrid platforms before production deployment, obtaining significant performance gain. Today, CAPS Compute Lab makes this evaluation affordable by removing this key barrier to technology adoption represented by the acquisition cost and time of hybrid platforms.

"Our goal is to bring the transformative power of GPU Computing to every commercial, industrial and research organization which can benefit from its massively parallel processing capabilities," adds Walter Mundt-Blum, Vice President of Sales for EMEA & India - Professional Solutions Group. "The launch of their CAPS Compute Lab represents an important step towards that goal by making evaluation much more straightforward and thereby removing a key barrier to the technology's adoption."

Strengthening relationships with both BULL and NVIDIA provided CAPS with a unique opportunity to build this GPU computing experimentation offer equipped with state-of-the-art technology that fully matches developers' requests.

All customers who purchase an evaluation package on CAPS Compute Lab will be eligible for a 2 months HMPP evaluation license, 400 computation hours and days for support, consulting and/or training.
For more information about CAPS Compute lab, please contact compute@caps-entreprise.com.

About CAPS entreprise
CAPS develops and commercializes HMPP (Hybrid Multicore Parallel Programming), the industry leading development tool suite for high performance applications. CAPS is committed to working with hardware vendors and ISVs to provide their customers with solutions to help them efficiently develop applications that leverage the performance of multicore processors. The company is headquartered in Rennes, France.
For more information, visit www.caps-entreprise.com.

About Bull, Architect of an Open World
Bull is an Information Technology company, dedicated to helping Corporations and Public Sector organizations optimize the architecture, operations and the financial return of their Information Systems and their mission-critical related businesses.
Bull focuses on open and secure systems, and as such is the only European-based company offering expertise in all the key elements of the IT value chain.
For more information visit: http://www.bull.com

About NVIDIA
NVIDIA (Nasdaq: NVDA) is the world leader in visual computing technologies and the inventor of the GPU, a high-performance processor which generates breathtaking, interactive graphics on workstations, personal computers, game consoles, and mobile devices. NVIDIA serves the entertainment and consumer market with its GeForce graphics products, the professional design and visualisation market with its Quadro graphics products, and the high-performance computing market with its Tesla™ computing solutions products. NVIDIA is headquartered in Santa Clara, Calif. and has offices throughout Asia, Europe, and the Americas. For more information, visit www.nvidia.co.uk.