AccelerEyes releases Jacket v1.1 for MATLAB acceleration on the GPU

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FOR IMMEDIATE RELEASE:

ATLANTA, GA—JUNE 22, 2009— AccelerEyes is pleased to announce the release of
Jacket v1.1 – the GPU engine for MATLAB®. Jacket enables standard MATLAB code
to run on NVIDIA GPUs. The major highlights of this new release include:

- Support for double-precision arithmetic. This enables a higher-level of accuracy
  for applications requiring fine precision.
- Expanded type support, including support for logical, int32, uint32, etc.
- New Developer SDK enables integration of custom CUDA kernels into the Jacket
  runtime. This allows custom code to inherit Jacket's optimizations for memory
  transfers, kernel executions, and system performance within MATLAB.
- Expanded support for filtering functions, such as conv2, convn, filter2, etc, to
  include kernel sizes up to 10x10.
- New licensing scheme to support Concurrent Network licenses.
- Expanded support for reductions functions, such as sum, min, max, any, all, find.

This version also includes updated licensing and pricing models which are available here:
http://www.accelereyes.com/doc/AccelerEyesProductsAndPrices.pdf

Also, 15-day trials are available to allow customers to explore Jacket prior to purchase.
Trials can be activated by visiting: http://www.accelereyes.com/manage_licenses.php

Jacket 1.1 requires CUDA 2.2. The CUDA drivers and toolkit may be downloaded here:
http://www.nvidia.com/object/cuda_get.html

We look forward to receiving feedback on the Jacket forums and look forward to
continually upgrading Jacket to further deliver on our vision of simple software for
powerful visual computing.

About AccelerEyes

Founded in 2007, and located in Atlanta, Georgia, AccelerEyes is leading the software-side of the movement towards visual computing. AccelerEyes' products bring a level of supercomputing power to standard personal computers.

In order for high performance computing (HPC) companies to adopt GPU technologies, a robust and healthy software tool chain must be created to connect programmers to GPU hardware. While hardware manufacturers are building lower-level software tools, such as CUDA, which support their devices, AccelerEyes delivers high-level interfaces which remove the lower-level complexity.

AccelerEyes' first product, Jacket, is used by customers across all major HPC industries, such as the automotive, financial, medical, and seismic industries. Further, Jacket's Graphics Toolbox enables true Visual Computing, seamlessly merging the compute power of CUDA with OpenGL visualizations. AccelerEyes plans to adapt and expand Jacket for other hardware and software platforms.

AccelerEyes is a division of DivEyes, an Atlanta incubator for Digital Imaging and Vision Solutions.