



Absoft & Visual Numerics Announce IMSL Fortran Numerical Library for Parallel Development On Multi-core Linux, Windows and Mac OS X Systems

Rochester Hills, MI., February 10, 2010 - Absoft(R) Corporation and Visual Numerics(R), a Rogue Wave Software company, today announced availability of Visual Numerics' latest IMSL(R) Fortran V6.0 numerical libraries which include features designed to improve performance and scalability of numerically intensive applications running on multi-core SMP and MPICH cluster systems. The IMSL(R) Libraries, recognized world-wide as the gold standard in numerical libraries, include over 1000 mathematical and statistical routines optimized for AMD and Intel processors using Absoft's high-performance, auto-parallelizing and vectorizing Pro Fortran v11 compilers. Available in 32-bit and 64-bit versions, Absoft offers the new IMSL Fortran V6.0 libraries as upgrades to existing IMSL customers or as bundle options with Absoft Pro Fortran v11.0 for Windows, Linux and Mac OS X/Intel. Customers using IMSL v6.0 will need Absoft Pro Fortran v11.0 for proper compatibility.

Absoft is the only commercial Fortran vendor authorized to distribute IMSL v6.0 bundles for Windows, Linux and Mac OS/Intel, and for a limited time is offering IMSL upgrades to existing Absoft IMSL customers at a discount of 50% off new pricing. New purchase bundles also available. This promotion is available exclusively through Absoft and Absoft resellers world-wide. Offer runs through May 31, 2010. Details at http://www.absoft.com/Absoft_IMSL.htm

"Visual Numerics and Absoft have been working together for over a decade decade to bring advanced computational performance to commodity systems. Combining the high performance Absoft Pro Fortran compiler and the broad algorithms provided by the IMSL Fortran library, customers have the tools they need to build world class applications," said Dr. Ed Stewart, IMSL Product Manager, Visual Numerics.

IMSL Fortran V6.0 is backward compatible with previous versions and includes several new features which simplify programming and improve performance across a wide variety of applications in both single and multi-computer environments. Some significant additions to IMSL Fortran V6.0 include:

- New High Performance Linear Programming Optimizer which in comparison tests have performance up to 400% faster than the leading competitor's
- Mersenne Twister random number generator which quickly generates very high quality pseudorandom numbers, especially well suited for financial applications
- SuperLU Sparse Linear Algebra solver for large sparse linear equations
- LAPACK integration which provides easy access to SMP-enabled algorithms and allows users to write parallel code without needing to know SMP parallel programming algorithm names
- ScaLAPACK integration for MPI cluster systems which allows users to write parallel code without needing to know parallel MPI programming

"IMSL Libraries are a benefit for most everyone writing numerically intensive applications - beginner or expert," said Wood Lotz, president of Absoft. "They are robust, well optimized and provide huge time savings because using IMSL means you get exactly the routine you need, immediately, and can focus on development rather than trying to develop your own. Further, performance is always excellent and using only two IMSL routines typically pays for the purchase," continued Lotz.

IMSL Fortran V6.0 is an excellent complement to Absoft's Pro Fortran v11.0 which provides native compiler and debug support for OpenMP, OpenMP and MPI control features in the IDE. IMSL Fortran V6.0 is supported as a plug-in to the Absoft IDE.

For IMSL Fortran V6.0 product information see : http://www.absoft.com/Absoft_IMSL.htm

Customer upgrade order form at: http://www.absoft.com/IMSL_UpgradeOF.htm

For additional sales information: sales@absoft.com

About Absoft Corporation:

Absoft Corporation is a leading provider of software development solutions including Fortran and C/C++ compilers, debuggers and IDEs for desktop and high performance computing (HPC) systems. Absoft products for Mac OS, Linux and Windows are distributed worldwide.

About Visual Numerics:

Visual Numerics has provided technical software solutions for numerical analysis and visualization for 39 years and was recently acquired by Rogue Wave Software, a Battery Ventures portfolio company. Visual Numerics offers two product lines: the IMSL(R) Numerical Libraries for powerful mathematical and statistical analysis and the PV-WAVE(R) visual data analysis development environment. Visual Numerics also offers consulting services for applications that involve mathematical, statistical, or visual data analysis to meet today's business analytical needs.

<http://www.vni.com/>.

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