

Announcing Maple™ 9

Maplesoft™ enhances mathematical exploration with a versatile infrastructure, friendlier user interface and innovative, powerful capabilities

WATERLOO, CANADA, May 15, 2003 – Maplesoft™, the leading source of mathematical software for educators, researchers and professionals, announces the upcoming release of Maple™ 9, the newest version of the widely adopted Maple analytical computation software. Maple 9 for Windows®, Mac OS® X and Linux® will be available for shipping in late June 2003. Maple 9 for UNIX® will be available in late July 2003.

The improvements in Maple 9 focus on three areas: a more open and accessible infrastructure; a more versatile user interface; and continued innovation in mathematics education and analytical computation—the core strengths of the Maple product.

“Our users have told us time and again that they consider Maple to be the friendliest and most accessible math software package on the market. We’ve worked hard to ensure that Maple 9 continues to deserve this reputation,” says Dr. Tom Lee, Vice President of Marketing and Executive Product Director at Maplesoft. He adds, “As with each new release of Maple, we strive to supply new and better algorithms to researchers who take on the most difficult computational tasks in their fields.”

Highlights of new features in Maple 9

Code generation to MATLAB® and Visual Basic®: Technical professionals have long valued Maple’s ability to translate its computational results into programming code for other languages. Maple 9 has added MATLAB and Visual Basic to its set of target languages, which already includes C, Fortran and Java™. Also, new tools in Maple 9 help users create code generators for other languages.

An API into Maple: Through a new API (application programming interface) called OpenMaple™, users can harness the Maple 9 math engine from external programs. For example, a database program written in C or Visual Basic could invoke Maple 9 algorithms for data analysis.

Mac OS® X platform support: Maple 9 provides full native support for Mac OS X, opening the most recent innovations in the Maple product line to a wider community of users.

New Help system interface: Maplesoft redesigned the Help interface in Maple 9 for easier navigation and searching. The Help system now provides one convenient window for keyword searching, topic searching and browsing by category.

OpenViz™ graphics: Maple 9 has integrated OpenViz from Advanced Visual Systems (AVS), one of the world’s top technologies for rendering interactive graphics. With OpenViz, users can create translucent 3-D plots and make them spin continuously around any axis providing a more

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complete and aesthetic view of 3-D objects.

User interface enhancements: Maple 9 includes a graphical interface for analyzing differential equations, more flexible worksheet formatting capabilities, rotatable graphics inside a Maplet™ application, better menu organization, a graphical debugger and free-form sketch regions.

New Student packages: Maple 9 includes new student packages for learning Linear Algebra, Pre-calculus and Calculus. The student packages promote better learning through a set of visualization routines that help cast abstract concepts in a concrete light and through a set of interactive tutors that help students work through the high-level steps of math problems.

Continued innovation in mathematical computation: As with each new release of Maple since its historic beginning 20 years ago, Maple 9 provides state-of-the-art algorithms for analytical computation. For example, Maple 9 has integrated the GMP libraries that enable computations with up to millions of digits of accuracy. Maple 9 also includes new algorithms for FFT, integration and solving differential equations.

The suggested retail price (SRP) for Maple 9 is \$1795 US for a non-concurrent, single-user, commercial license. For information on upgrade policies, academic pricing and multi-user discounts please contact Maplesoft at 1-800-267-6583 or e-mail info@maplesoft.com. Outside the United States and Canada, contact your local Maplesoft distributor. To find the distributor in your region, visit <http://www.maplesoft.com/sales>.



About Maple 9

Maple 9 delivers a comprehensive environment for visualizing and exploring mathematical concepts and for developing mathematical applications. Combined with thousands of free add-on packages and applications available at the Maple Application Center™ (www.mapleapps.com), Maple 9 is the most flexible analytical tool for technical professionals and students. Features include a comprehensive suite of mathematical solvers, mathematical visualization capabilities, a powerful programming language and a rich technical document-processing environment. New features include an enhanced user interface, a new Help browser, new code generators for MATLAB and Visual Basic, new student learning packages, an extensive addition of NAG® numerical solvers and numerous mathematical enhancements.

About Maplesoft

Founded in 1988, Maplesoft is a world leader in mathematical and analytical software. Its suite of products include Maple 9, the standard among interactive mathematical software, MapleNet a comprehensive mathematical infrastructure for the Web, and MapleTA™ a system for automated grading of mathematics tests. Maplesoft products embody advanced technology such as symbolic computation, infinite precision numerics, innovative Web components, extensible user-interface technology, and an unrivalled suite of mathematical algorithms for intelligent management of

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complex mathematics. Over 5 million users benefit from advanced Maple technology. Virtually every major university and research institute in the world, including MIT, Stanford, Oxford and Waterloo, has adopted Maple products to enhance their education and research activities. Maplesoft's industrial customer base includes Boeing, Bosch, Canon, and NASA. For more information visit www.maplesoft.com.

Maple 9 is available for review by industry media.

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