

Waterloo Maple Announces Maple 7

Latest version of flagship product includes industry-leading algorithms and Web connectivity

WATERLOO, CANADA, June 1, 2001— Waterloo Maple, a world leader in mathematical software for education, research and industry, announced today the upcoming release of Maple® 7, the newest version of the widely adopted Maple mathematical computation product line. Maple 7 is scheduled to ship on June 29, 2001.

Maple 7 strengthens Waterloo Maple's position as the definitive technology leader in the mathematical software industry. New features include a sweeping range of new mathematical algorithms in key areas, such as differential equations and numerical computation, and enhanced Web connectivity, including comprehensive MathML 2.0 support, XML support and TCP/IP sockets-based access to online information. Maple 7's core features are also supported by a rapidly growing suite of free add-on packages and applications available online through The Maple Application Center at www.mapleapps.com. Combined, these enhancements propagate Maple's reputation for technological excellence and maximum value for its customers. Specific innovations include:

Sweeping range of new differential equation (DE) solvers. New algorithms extend Maple's functionality in DEs, which are essential for modeling and simulation in engineering and the sciences. Maple 7 solves virtually 100% of standard benchmark test suites, by far the highest achievement in the market.* Maple 7 also includes groundbreaking solvers for boundary-value problems (BVPs), initial-value problems (IVPs), systems of partial differential equations (PDEs) and dramatic speed and stability improvements for numerical solutions of DEs.

Complete units and dimensions management. Maple 7 sets the standard for managing units and dimensions. Problems in engineering and science can be modeled and solved with appropriate dimensions using any modern unit system.

Enhanced web connectivity. Maple 7 is the first major product in the mathematics arena that offers full support for the W3C's new MathML 2.0 standard that manages both the display and the meaning of mathematics on the Web. This exclusive feature will realize the true vision of MathML as the primary vehicle for Web mathematics, as well as set the stage for real interoperability within a multi-vendor environment. TCP/IP sockets connectivity enables dynamic access to information on other Web sites, including stock data for real-time financial analysis and weather data for climate studies.

Free resources. An extensive suite of powerful add-on packages (Maple PowerTools™) and applications for areas such as Finite Element Analysis (FEM), Non-linear Optimization and collegiate mathematics education, support Maple 7. Four new PowerTools, which include freshman calculus, sophomore calculus, physics and programming, will be added to further expand this very popular Maple resource. Maple PowerTools and application packages are maintained and available for free through The Maple Application Center at www.mapleapps.com.

News Release

“Maple 7 offers more of what users have always valued the most about our product: mathematical performance that far exceeds the competition; features that enable new applications, especially those involving the Web; and the most customer-centric service in the industry as embodied by our unique and extensive library of free resources,” states Dr. Tom Lee, Vice President of Marketing and Executive Product Director.

Waterloo Maple also announces that the suggested retail price (SRP) for Maple 7 for Windows, Macintosh, Linux or UNIX, will remain at current Maple 6 levels (e.g., \$1695 US for a non-concurrent, single user license). Maple 7 for all supported platforms is expected to ship on June 29, 2001. Users should contact their Waterloo Maple account representative or authorized international reseller for upgrade policies, academic discounts and multi-user discounts.

About Maple 7

Maple 7 is the latest version of the world’s most trusted mathematical problem solving software. Widely adopted by universities, colleges, research institutions and companies, Maple 7 delivers the comprehensive environment and support resources to visualize and explore mathematical concepts, develop application tools and share mathematical information and documents on the Web. Combined with hundreds of free add-on packages and applications available through The Maple Application Center (www.mapleapps.com), Maple 7 constitutes the most powerful and flexible analytical tool for professors, researchers, scientists, engineers and students.

About Waterloo Maple Inc.

Founded in 1988, Waterloo Maple is a world leader in mathematical and analytical software. The Maple system embodies advanced technology such as symbolic computation, infinite precision numerics, innovative Web connectivity and a powerful 4GL language for solving a wide range of mathematical problems encountered in modeling and simulation. Over a million users have adopted Waterloo Maple products as their preferred platform for exploring and managing complex problems in engineering, science, mathematics and technical education. Virtually every major university and research institute in the world, including MIT, Stanford, Oxford and Waterloo, has adopted Maple to enhance their education and research activities. Waterloo Maple’s industrial customer base includes Nortel, Raytheon, Boeing, and DaimlerChrysler.

For more information on Maple 7, and to purchase your copy today, please speak to your Waterloo Maple Account Manager. If you are outside North America, please contact the Waterloo Maple Partner in your region.

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