

Waterloo Maple Announces World's First Fully Integrated Analytical Computation System with Release of Maple 6

Maple 6 Responds to User Demands for Greater Performance and Functionality.

WATERLOO, Canada, December 6, 1999 - Waterloo Maple Inc., the leading provider of advanced software solutions for analytical and mathematical computation, announces Maple 6 for Windows, UNIX, Macintosh, and Linux. Maple 6 embodies revolutionary technological enhancements and new functionality that dramatically speeds up complex, technical computation projects. The new math engine delivers the world's first tightly integrated suite of symbolic and numerical solvers. This achievement is the first tangible result of the strategic partnership between Waterloo Maple and the Numerical Algorithms Group (NAG) announced in August 1998.

The revolutionary new technology found in Maple 6 has application for scientific and engineering users in industry, research, and education. The software combines the flexibility and intelligence of Waterloo Maple's symbolic computation algorithms with the reliability, accuracy and power of the NAG numerical solver. Through this new technology, users can perform end-to-end technical computations for projects that formerly required the use of several separate packages or libraries.

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"This new engine significantly raises the performance bar in the analytical computation industry. With the new Maple 6 product, our customers will have the strongest arsenal of solvers of all types tightly integrated into a very easy-to-use product," states Jim Cooper, vice president of research and development at Waterloo Maple.

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Brian Ford, director of NAG, continues, *"The combination of Maple symbolics and NAG numerics into a single, computational engine is a major innovation for the scientific computing community and the industry. This partnership will deliver the benefits of the industry's finest numerical components to thousands of customers through Maple's extensive user base and channels."*

The new computation engine to be released with Maple 6 centers on the use of NAG's renowned matrix computation algorithms adapted and optimized for Maple's unique, interactive environment.

Performance improvements will be of benefit in many key technical areas such as signal and image processing, dynamic simulation, and mathematical modeling. Waterloo Maple has also introduced several key end-user features in Maple 6's programming language, large-scale floating point data handling, and user interface, to ensure that users can easily access and benefit

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from the engine's immense potential. Additional features in Maple 6 that complement the new engine include seamless connectivity to Microsoft®Excel 2000 and the ability to export to Rich Text Format (RTF). Both of these features allow users to coordinate and share data between Maple 6 and popular general productivity tools. A suite of new language features aimed at programmers delivers greater flexibility to more users.

About Numerical Algorithms Group

NAG has nearly thirty years experience in developing, porting, distributing and supporting scientific computing software. NAG supplies a range of software libraries, compilers, tools and associated products for the professional programmer in business, industry, and education. NAG serves over 6,000 customer sites worldwide through offices in Oxford (UK), Chicago, Munich, and Tokyo, as well as through distributors worldwide. NAG Ltd. is located at Wilkinson House, Jordan Hill Road, Oxford, UK, OX2 8DR, phone +44 (0) 1865 511245, fax +44 (0) 1865 310 139, <http://www.nag.co.uk>.

About Waterloo Maple

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, and a powerful 4GL language for solving a wide range of mathematical problems encountered in modeling and simulation, and in technical education. Over a million users have adopted Waterloo Maple products as their preferred platform for exploring and managing complex problems in engineering, science, mathematics, and education. Waterloo Maple's customer base includes most major universities and research organizations in the world, leading enterprises such as Nortel, Raytheon, Boeing, and DaimlerChrysler.

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