Special Maple™ 11

Launch Issue

Newsletter for February 2007

Welcome to the February 2007 Issue of The maple Reporter e-newsletter!

The Maple Reporter provides all the latest news from Maplesoft, with articles highlighting new products, innovative application areas, tips and techniques, events, and much more.

This month's issue highlights the recent launch of Maple 11 with a new demo movie, information and media coverage. In addition, check out this issue for details on the latest edition to the Maple Professional Toolbox series - the Maple-NAG Connector.

To ensure delivery of Maplesoft emails to your inbox please add customerservice@maplesoft.com to your address book.

News & Announcements

Maple™ 11

Maple 11 was selected as Desktop Engineering Editor's Pick of the Week "... if your work has anything to do with crunching, plotting, and documenting numbers, you deserve to check out Maple 11 for yourself." ~Tony Lockwood, Editor Desktop Engineering

[Download the Review]

Launched last month, [Maple 11] has been enthusiastically received by both new and existing users. Maple is the essential computational tool that accelerates and enhances your analytical work - from deriving mathematical models, to solving and analysis, parameter optimization, solution validation and deployment of your results. Maple eases the flow of your analytical work, saving you time, minimizing rework and reducing costs.

New Downloads:

View New Professional Demo Movie

View Academic Demo Movie

Five Ways to Enhance Your Engineering Design Process White Paper

The Top 10 Ways Maple Can Enhance Your Classroom and Accelerate Your Research

Introduction to Maple 11 Pre- Recorded Webinar

Maple T.A. 3.0

Launched last month, the new edition, Maple T.A. 3.0 features increased flexibility in content creation, an enhanced user interface, and improved grading and assessment capabilities. It supports complex, free-form entry of mathematical equations and intelligent evaluation of responses, making it the only system designed for mathematics, science, or any course requiring mathematics.

- Introducing Maple T.A. 3.0
- Discover the New Features of Maple T.A. 3.0

Maple–NAG Connector

Professional Toolbox SERIES™

Announcing the Maple - NAG Connector Toolbox

With the Maple-NAG Connector, you can combine the pre-eminent modeling, exploration and application development abilities of Maple with the power and breadth of trusted NAG numeric routines. With this new toolbox, you eliminate compile times, and gain simplified calling sequences, searchable documentation, and the ability to use your NAG routines in seamless combination with Maple's mathematical analysis and visualization tools resulting in faster, more reliable models and applications, created in less time.

User Case Study

---

on academic upgrades to Maple 11 *and* receive the Precalculus and Calculus Study Guides for free!

Considering a new license purchase? All customers who purchase Maple 10 now will automatically receive a **copy of Maple 11** when available!

Offers Expire Mar. 1/07

* Applies only to Commercial upgrades from Maple 10 by US customers.

Maple Books:

If you are publishing a paper or writing a book related to Maple, we can help you! Please send your comments to applications@maplesoft.com.

Events

ICTCM
February 15th – 18th 2007
Quinsigamond Community College, Boston, MA
Click here for details.

E-Learning 2007
February 17th – 20th 2007.
Hotel Albuquerque at Old Town ,Albuquerque, NM
Click here for details.

Chautauqua Short Courses for College Teachers
June 6th – 8th 2007
Pedagogy and Methodology of Using Maple in the Classroom Grand Valley State University, Allendale, MI.
Click here for details.

See our Events page for other upcoming shows.

[Maplesoft's Global Optimization Toolbox Plays Significant Role in Solving a Global Challenge](#)

Unexploded Ordnance (UXO) location and discrimination struggle could finally get a remedy

In a paper submitted at the 2006 INFORMS Annual Conference, Larry M. Deschaine presented an approach to solving the challenge of accurately locating and discriminating unexploded ordnance (explosives). He, along with colleagues Frank D. Francone and János D. Pintér, has developed a solution that fuses knowledge from Physics, Genetic Programming and Global Optimization.

Maplesoft Seminar Series

Introduction to Maple 11

- Wednesday February 7th - 2:00 pm - 3:00 pm EST
- Tuesday February 13th - 2:00 pm - 3:00 pm EST
- Wednesday February 21st - 2:00 pm - 3:00 pm EST

Teaching with Maple 11

- Tuesday February 6th - 2:00 pm - 3:00 pm EST
- Thursday February 22 - 2:00 pm - 3:00 pm EST

Introduction to Maple T.A. 3.0

- Thursday February 8th - 2:00 pm - 3:00 pm EST
- Wednesday February 28th - 2:00 pm - 3:00 pm EST

Engineering Solutions for Maple 11

- Thursday February 15th - 2:00 pm - 3:00 pm EST
- Tuesday February 27th - 2:00 pm - 3:00 pm EST

Prototype and Simulate Vehicle Systems using Maplesoft's Design Engineering Tools

- Wednesday February 14th - 2:00 pm - 3:00 pm EST

Maple 11 for Simulink

- Tuesday February 20th - 2:00 pm - 3:00 pm EST

For further details or to enroll in a Webinar please visit maplesoft.webex.com.

Missed a Webinar? Check out our [recorded seminar](#) section where you can browse and view recordings of past seminars.

The Maple Adoption Program is designed to benefit both educators and students. This program makes it simpler for educators to incorporate the benefits of Maple into their courses and makes learning and owning Maple easier for students. Upon joining the program and registering a course, the instructor will receive their own one-year license of Maple 11 to assist them with classroom preparation. As well, students are eligible to purchase the Maple 11 Student Edition at a special low price.

If you haven't yet joined, register and receive your free home use copy of Maple 10 today. Remember, Adoption Members will be entitled to a download version of Maple 11!*

http://www.maplesoft.com/academic/adoption/updates.aspx

February 2nd, 2007 - Introducing Maple 11 This episode focuses on the newly announced Maple 11, the latest version of the Maple system. Host Tom Lee interviews the President and CEO of Maplesoft, Jim Cooper , about the road to Maple 11 and comments on the road ahead for the product and the company. Eithne Murray, our senior product manager also stops by again to tell us about some of her favorite new features. And of course, we have more news and tidbits to share.

MaplePrimes is the place to find a wide range of information on Maple and Mathematics. All sorts of different links, tips and answers can be found there. You can find a funny math comic, or join in a discussion on the future of mathematics. You can even contribute to a university research project. Visit MaplePrimes and see what you can find.

Application Center Highlights

The Maple Application Center has received the following new applications over the last month:

English

- **The Fourier Series package for Maple**
  Amir Hussein Khanshan

- **Naive Gauss Elimination Method**
  Dr. Autar Kaw
  Ms. Jamie L Trahan

- **LU Decomposition**
  Dr. Autar Kaw
  Ms. Jamie L Trahan

- **Exact Analytical Solutions of Diodes Bridge**
  Prof. EL MAHDI ASSAID

- **Optimal Portfolio Allocation and Economic Utility**
  Prof. Steven R. Dunbar

- **Bugbox - A Virtual Insect Laboratory for Population Dynamics**
  Prof. Glenn Ledder

- **Interval Arithmetic: Interval type and basic interval operations-V1.2**
  Markus Grimmer

French

- **Fibre optique à saut d'indice**
  Prof. EL MAHDI ASSAID

Maplesoft in the Press

Here are some highlights of this past months press coverage and new press related to the launch of Maple 11.

Desktop Engineering Editor's Pick of the Week - Maple 11
Desktop Engineering, January 2007

"Maplesoft, like its users, never stops pushing the boundaries of where Maple can go."

Maple 11 Unveiled
Desktop Engineering, January 2007

"Maple 11 combines the company's highly regarded mathematical computation engine with a user-interface that... minimizes the learning curve common with other similar software because it is so intuitive."

Math Software Receives Major Enhancements
Electronic Design, January 2007

"Maple 11, the latest major release of Maplesoft's mathematics software, features significant enhancements to its smart document interface, computation engine, and connectivity capabilities."

Intuitive User-Interface Makes Maths Software Easy
Engineering Talk, January 2007

"With Maple 11, the company is advancing the revolutionary technical document interface technology it introduced two years ago."

Increase Quality of Analytical Work
Manufacturing Talk, January 2007

"Newest version of Maplesoft's flagship product dramatically improves user experience."

Maple T.A. 3.0 Includes New Tech Enhancements
University Business, January 2007

"Maplesoft has upgraded its program used for engineering, science, and mathematics with more options for content creation."

In addition to these articles, check out the Media Center for all the latest coverage on Maplesoft.

Maplesoft
command the brilliance™

www.maplesoft.com
1-800-267-6583 (US & Canada) | 1-519-747-2373 (Outside US & Canada)