

maple 9.5



Resource Guide

Our mission

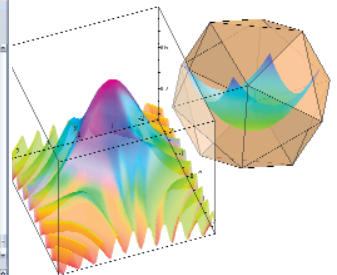
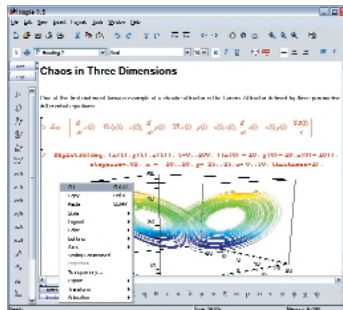
Our mission is to supply the environment of choice for scientific problem solving, mathematical exploration, data visualization and technical document authoring. Maplesoft technology should be ubiquitous wherever technical work is done or taught, making it easier to do research, gather and communicate information and to extract meaningful conclusions.

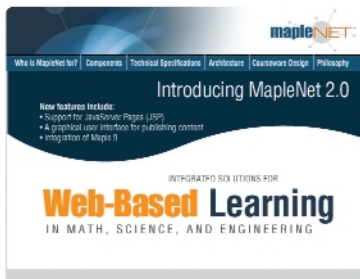
Maplesoft™ Products



maple 9.5

Maple™ 9.5 is the environment of choice for scientific and engineering problem-solving, mathematical exploration, data visualization and technical authoring. It transforms the way technical professionals and students use technology. Seamlessly integrating the power of rock-solid numerics with world-class symbolics, Maple 9.5 offers full computing support for any activity involving mathematics. In addition, it allows you to encapsulate and manage technical knowledge. In industry this facilitates true collaborative knowledge management. In the classroom the technology frees the student and teacher to focus on concepts and not the error-prone manipulation. Supporting this powerful technology is a rich user environment unsurpassed in ease-of-use with an extensive range of features to shorten the learning curve and to maximize productivity gains.





Integrated Solutions for Online Learning in Math, Science, and Engineering

MapleNet is an infrastructure that comprehensively addresses the technological requirements for academic institutions wishing to deploy mathematics and related courses over the Web. It is ideally suited to meet the emerging challenges of distance, continuing, professional, and many other non-traditional forms of education and training. With MapleNet, institutions can add true interactivity to their online math and science courseware.

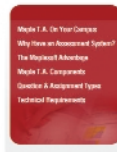
MapleNet provides educational institutions with a complete set of infrastructure and client tools for online education in mathematics and mathematics-dependent courses. It allows authors/professors to create exercises and learning objects that are interactive and easy-to-use. The student requires only a Java™-enabled Web browser to interface with the material. MapleNet is derived from the legendary Maple software system, widely recognized as the most trusted desktop application for exploring mathematics and developing mathematical applications. Consequently, the scope of learning objects that can be created with MapleNet is virtually unlimited, as the Maple engine supports computation ranging from high school level algebra to research-level theory.

Release 1.5 Now Shipping.
For a list of new features click here.

Placement Testing
Homework Delivery - Drill and Practice
Exam Questions and Assignments
(High Stakes Testing)
Standards & Gateway Testing
"Just in Time" Teaching

Maple T.A. integrates the most important elements of modern post-secondary mathematics education. Derived from the legendary Maple software, Maple T.A. offers a Web-based system for creating tests, assignments, and exercises, automatically assessing student responses and performance. From homework, drill, and practice to placement or gateway tests, Maple T.A. provides an efficient, cost-effective alternative to paper-based testing and assessment. And, unlike traditional assessment systems, Maple T.A. supports complex, free-form entry and intelligent evaluation of responses, making this system ideal for mathematics, science, or any course that requires mathematics.

maple T.A.
Maple T.A. — automated assessment



For a free online "Introduction to Maple T.A." or to evaluate Maple T.A. for your own class, please contact **Maplesoft** today at 1-800-267-6583 or email info@maplesoft.com.



Automated Testing and Assessment

Maple T.A. automates many time-consuming elements of modern post-secondary mathematics education. Derived from the legendary Maple software, Maple T.A. offers a Web-based system for creating tests, assignments, and exercises, automatically assessing student responses and performance. From homework, drills, and practice to placement or gateway tests, Maple T.A. provides an efficient, cost-effective alternative to paper-based testing and assessment. And, unlike traditional assessment systems, Maple T.A. supports complex, free-form entry and intelligent evaluation of responses, making this system ideal for mathematics, science, or any course that requires mathematics.

Attend our Free Online Seminars and Learn more about Maple 9.5, MapleNet, and Maple T.A.

Maplesoft offers free Maple, MapleNet, and Maple T.A. online seminars. Learn new techniques to increase your effectiveness with Maplesoft products, hear about new technologies from Maplesoft, or gain more insight into specific product features.

Our online seminars provide an interactive and hands-on forum where you can observe and interact with a Maplesoft instructor, as well as other participants via full audio and instant chat. All you require is a Web browser, an Internet connection, and a telephone to participate.

For more information about our free online seminars or to register, e-mail info@maplesoft.com, visit www.maplesoft.com/services/training or call **800.267.6583 ext. 411**.

Maplesoft Programs



Maple Adoption Program

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 their students. Upon joining the program, the professor receives an Adoption Kit containing valuable resource material on learning and teaching with Maple. Professors receive their own Faculty Home Use copy of the Maple 9 software to assist with class preparation. As well, students are eligible to purchase the Maple 9 Student Edition software at a special low price.

To learn more about eligibility requirements for this program, please contact **800.267.6583**, e-mail adoption@maplesoft.com, or visit www.maplesoft.com/adoption.



MapleConnect Developer Program

The MapleConnect Developer Program, makes creating and selling Maple-related products much easier than ever before. The MapleConnect program offers technical and business resources to help developers to productize their intellectual property, and then provides a sales channel for the resulting product.



The overall spirit of MapleConnect is one of an 'open marketplace' for applications based on Maplesoft products. The developer decides what product to develop, its features, and its price. Maplesoft will provide resources to aid in turning the idea into a commercial-grade product, including tips and guidelines for technical, quality assurance, business, and marketing issues. Maplesoft will then handle sales of that product through its Web Store.

For more information, or to submit an application, please call **800.267.6583**, e-mail mapleconnect@maplesoft.com or visit www.maplesoft.com/mapleconnect.

Maplesoft Resources

Maple Equips You With More Than Software



The Maple Application Center™ www.mapleapps.com

The Maple Application Center at www.mapleapps.com offers over 2,500 free downloadable Maple applications and classroom demos for Maple users. Over 100 application categories represent virtually every technical field, from chaos theory to electrical engineering.



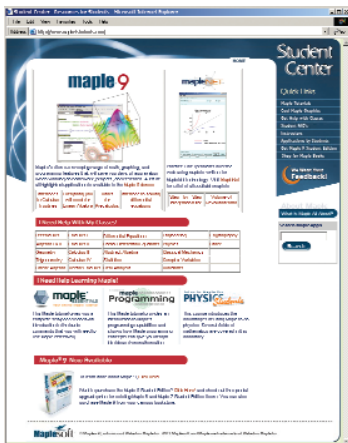
MaplePrimes™ www.mapleprimes.com

MaplePrimes at www.mapleprimes.com is a controlled access Web site from Maplesoft that provides exclusive content to Maple users who subscribe to the Extended Maintenance Plan (EMP). It is part of our on-going effort to deliver maximum value to those customers who support Maple products.

Within MaplePrimes, you will find valuable software packages and useful information that you can download for free, including:

- Powerful Maple add-on software components
- Access to new features and components long before they are available to the Maple community at large
- Versions of the current Maple system for our Maple Extended Platform List (EPL)
- Electronic versions of Maple product documentation
- Access to numerous other resources including: Maple Summer Workshop™ Proceedings and fun Maple items including free Maple posters

For more information visit www.mapleprimes.com.



The Maple Student Center™ www.maple4students.com

The Maple Student Center at www.maple4students.com helps students who are using Maple in high school and undergraduate courses. Maple tutorials, Maple materials for specific courses, and Maple applications written by students form the core of the site's offerings.

Maple PowerTools™

www.mapleapps.com/powertools/

Maple PowerTools are free add-on Maple packages and academic courses for researchers and educators. The suite of Maple PowerTools includes academic courses and Maple packages in the following categories: Maple Education PowerTools, Math Education PowerTools, Research Application PowerTools, and Science Education PowerTools. Over 35 PowerTools are available for free download.



Visit www.mapleapps.com/powertools/ to view and download the complete collection.

Maple Education PowerTools:

Maple Education PowerTools are tutorials developed by Maple experts to help Maple users learn Maple syntax and the Maple programming language.

- Maple Essentials
- Maple Programming
- Warnings

Math Education PowerTools:

Math Education PowerTools are academic courses developed in Maple by professors to assist teachers and students use Maple in their math classes.

- 100 Calculus Projects
- Abstract Algebra
- Advanced Engineering Mathematics
- Calculus I, II, and III
- Classical Mechanics
- Complex Analysis
- Cryptography
- Differential Equations
- Essential Maple
- High School Precalculus
- High School Trigonometry
- High School Algebra I & II
- High School Geometry
- Intro to Maple for Physics Students
- Linear Algebra
- Maple Essentials
- Maple Programming
- Math Class
- Matrix Algebra Education Pack
- Partial Differential Equations
- Post Secondary Mathematics Education Pack
- Statistics Supplement
- Vector Calculus

Research Application PowerTools:

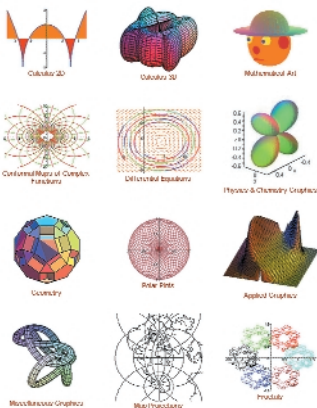
Research Application PowerTools are Maple packages developed by experts in their fields to help users configure Maple for research in specific application areas.

- Dynaflex
- Dynamics Lab
- Feynman Graphs
- Finite Elements
- Interval Arithmetic
- JavaViewLib
- Orbitals
- Syrup
- Statics
- Statistics Supplement
- Vector Calculus

Science Education PowerTools:

Science Education PowerTools are academic courses developed in Maple by professors to help teachers and students use Maple in their courses.

- Classical Mechanics
- Complex Analysis
- Differential Equations
- Intro to Maple for Physics Students
- Vibrations



Graphics and Animations Galleries

These Maple Galleries are exhibits of mathematical graphic art, visual effects, and animations created in Maple. They contain imaginative submissions from Maple users all over the world.

To view or download from the Graphics or Animations Galleries, visit www.mapleapps.com.

Maple Tutorials

Need help using Maple? Online Maple tutorials are available from the Maple Application Center. These are a series of self-paced, hands-on tutorials that provide new users with the opportunity to practice and experiment with Maple. Tutorials available for download include: Maple Essentials and Maple Programming.

Visit www.mapleapps.com/tutorial.shtml.

Maple Publications

Choose from a broad selection of books and journals covering topics from the basics of using Maple to applications in science, math, engineering, and more!

For a complete listing of hundreds of Maple related books, white papers and articles, visit www.maplesoft.com/publications.

The Maple Reporter

The Maple Reporter is quarterly electronic publication delivered in PDF and HTML format, highlighting new developments at Maplesoft, new product features, innovative application areas, user case studies and technical articles.

To subscribe, visit www.maplesoft.com/reporter.



FAQs

The Maplesoft Technical Support Group provides users with online FAQs that answer questions pertaining to registration, installation, license management, printing and plotting etc., at www.maplesoft.com/support/FAQs.

If you have a specific question not covered by FAQs and are a registered user of one of our products, you may contact Technical Support directly at support@maplesoft.com.

Maple Newsgroups

If you would like more information about Public domain Internet forums, discussion groups, and Web sites, visit www.maplesoft.com/support.

Training

Maplesoft provides several opportunities for you to get up to speed with Maple. Whether you are a Maple expert or someone who is considering a new license purchase, Maplesoft can provide a training session that is right for you or your organization.



Free Online Training Sessions

Maplesoft now offers free, live, interactive online training sessions. Our online training sessions provide an interactive and hands-on forum where you can observe and interact with a Maplesoft instructor, as well as other participants via full audio and instant chat. All you require is a Web browser, an Internet connection, and a telephone to participate.

For more information or to view the current schedule, visit www.maplesoft.com/services/training/online.shtml.

On Site Training

Maplesoft offers on site Maple training seminars customized to the needs of your group. We will provide trial versions of Maple for each participant to use on his or her laptop computer during the seminar, so that everyone gains hands-on experience.

Visit www.maplesoft.com/services/training/mapletraining.shtml for further details.

Events and Tradeshows

Visit the Maplesoft booth at an upcoming tradeshow to see a product demonstration from a Maple expert. For a list of upcoming events, view our Events Schedule at www.maplesoft.com/events.

For additional information on Maple training sessions please visit www.maplesoft.com/services/training or contact info@maplesoft.com.



Maple Summer Workshop™

MSW



Maple Summer Workshop™

www.maplesoft.com/msw/

MSW is an annual international meeting that explores the innovative uses of Maple in education, research and industry. It is a conference with the Maple community in mind. The workshop program addresses the interests of both novice and advanced Maple users, and blends lecture style sessions with hands-on Maple courses. Attendees will have an opportunity to learn from Maple experts, as well as an opportunity to share their work with their peers.

Papers on a variety of topics including Maple in education (all levels and disciplines), Maple and MapleNet in e-learning, Maple in mathematics research, applications of Maple in engineering and science are accepted. For further details regarding MSW, please visit www.maplesoft.com/msw.

To be included on the MSW mailing list, to receive information and updates as they become available, please send your request to info@maplesoft.com.



Contact Information

Maplesoft Customer Service

US & Canada

Please contact our Customer Service team for the following:

- any general sales or product inquiry
- to update your contact information
- questions concerning purchasing via our Web Store
- billing and shipping updates
- access problems for MaplePrimes
- License file questions

You may speak to one of our Customer Service representatives by calling **1-800-267-6583 ext. 411**. They can also be reached at custservice@maplesoft.com or through our direct customer service phone line at **1-519-883-0040**. Our customer service hours are 8:30 AM to 5:30 PM (EST/EDT), Monday to Friday.

Outside US & Canada

Please contact the Maplesoft Partner in your region. To find your Partner visit www.maplesoft.com/sales/international/international.shtml.

Maplesoft Technical Support

Our knowledgebase of FAQs will answer most of your technical support questions (installation, platform support, questions on features and functionality of your Maplesoft product). If you have reviewed our FAQ section, and still need to contact Technical Support:

US & Canada

You may speak to one of our Technical Support representatives by calling **1-800-267-6583 ext. 413** or through our direct support phone line at **1-519-747-2505**. If you wish to contact us via email, please fill out our online support form. Our technical support hours are 9:00 AM to 5:00 PM (EST/EDT), Monday to Friday.

Outside US & Canada

Please contact the Maplesoft Partner in your region. To find your Partner visit www.maplesoft.com/sales/international/international.shtml.

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Other Departments at Maplesoft

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press@maplesoft.com

For press information and resources, visit our Press Room.
www.maplesoft.com/pressroom

Application Center

(Comments and Submissions)
Contact applications@maplesoft.com

For details on contributing, visit our Contribute your Application page.
www.mapleapps.com/contest/contest.shtml

Business Development

(Potential Partnership Opportunities)
Contact bizdev@maplesoft.com

Web Site

(Comments and Feedback)
Contact webmaster@maplesoft.com



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