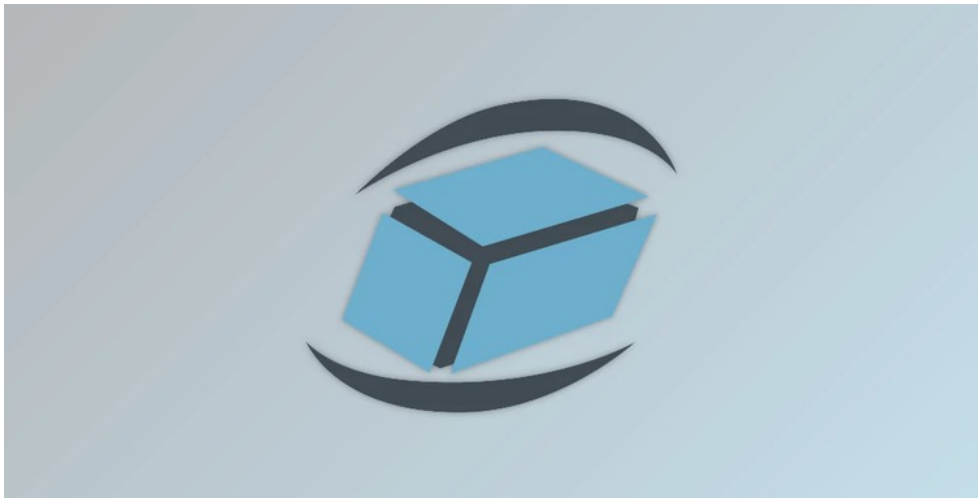
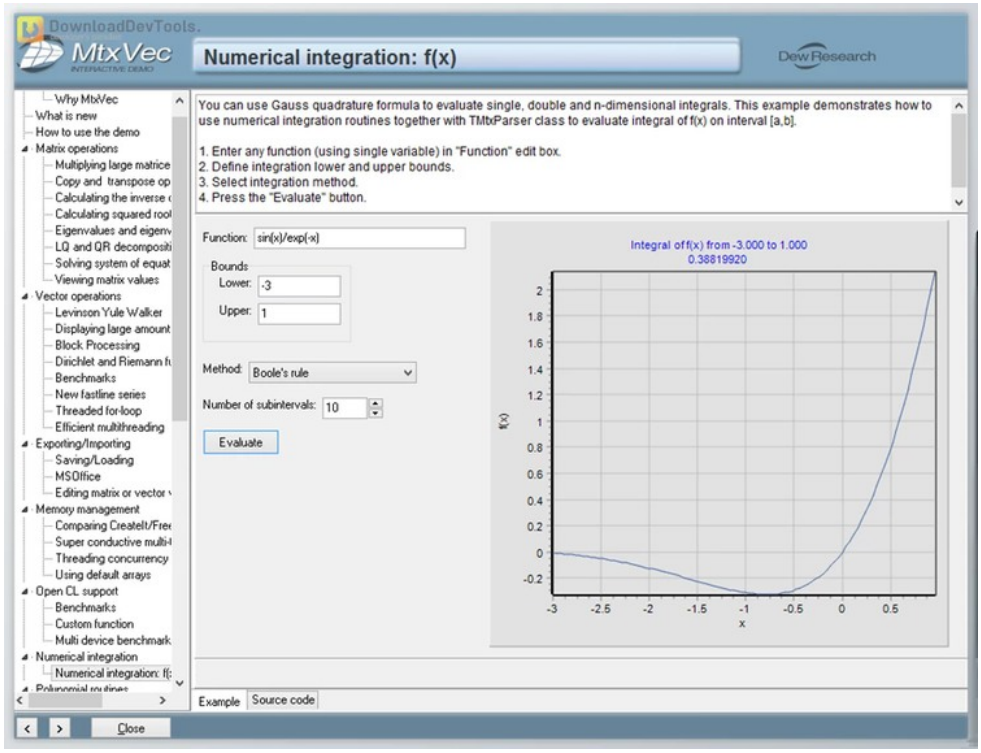
Dew Lab Studio 2024 R2 for Delphi 12 Athens x86 & x64

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is an all-in-one solution for advanced math, statistics, and signal processing, offering tools for developers across multiple platforms like Windows, macOS, Linux, iOS, and Android. It combines our Delphi math product line into a single package at a discounted price, featuring MtxVec, DSP Master, Stats Master, and Data Miner. Additionally, it comes with the Steema TeeChart license, adding great value to the overall package. You can try it out with a single installer with all the components.

Designed to be fast and efficient, **Dew Lab Studio** provides a powerful object-oriented library optimized for multi-core CPUs and modern computing technologies like AVX and OpenCL. It offers advanced matrix and vector operations, sparse matrix solvers, probability distributions, FFTs, and more. Whether you need complex numerical analysis, time series forecasting, or signal processing, Dew Lab Studio has extensive features that scale well with your hardware.

Beyond just math and signal processing, **Dew Lab Studio** offers in-depth statistical analysis, including hypothesis testing, regression models, and PCA. With its comprehensive support for complex numbers, matrix operations, and optimized algorithms, it's an ideal toolkit for developers looking to build high-performance applications that require advanced computational tasks.

Key Features of **Dew Lab Studio** :

1. Multi-platform Support: Works on Windows, macOS, Linux, iOS, and Android across FMX, VCL, and .NET Core frameworks.
2. High-performance Math Library: Optimized for Intel AVX2, AVX-512, and OpenCL for fast numerical calculations, including support for complex numbers.
3. Matrix Operations: This program offers extensive functions for matrix manipulation, such as matrix square root,

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logarithms, and solving sparse matrices.

4. Signal Processing: Includes design support for IIR and FIR filters, spectral analysis, and advanced features like Kalman filters and audio recording/playback.
5. Statistical Tools: This tool provides descriptive statistics, hypothesis testing, linear/non-linear regression, and time series analysis, such as ARMA and ARIMA.
6. FFT and Correlations: Performs 1D and 2D FFTs and autocorrelations for signal processing and numerical tasks.
7. Cross-platform Source Code: Option to access full source code for cross-platform development, ensuring flexibility.
8. Memory Management: Features a super-conductive memory manager that scales efficiently with multi-core CPUs for large computational tasks.

版本列表

Dew Lab Studio 2020 VCL for Delphi 10.4 Sydney

Dew Lab Studio 2024 R2 for Delphi 12 Athens x86 & x64

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