

## README FIRST

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### DEMO INFORMATION

The following demos are included:

1. LEADEVAL 4.0 for Windows
  - \*\* This application demonstrates the features of LEADTOOLS imaging toolkits. It represents a scaled-down version of LEADVIEW 3.0 for Windows (LEAD's end-user product). LEADVIEW 3.0 was developed using the LEADTOOLS DLL.
2. Scroll and Zoom Example
  - \*\* This example demonstrates and emphasizes the use of scroll bar controls for zoom-in and zoom-out operations. The scroll and zoom features enable you to change the size and location of the image on the screen without changing the internal bitmap.
3. Demo Example
  - \*\* This is the LEADTOOLS standard example that demonstrates the implementation of LEADTOOLS functions.
4. Paint Effect Sample
  - \*\* This sample features over 20 different paint screen effects. These effects can be integrated easily into your screen saver, slide show or presentation manager application.
5. LEAD WndClass Example
  - \*\* This example demonstrates how the state-of-the-art LEAD registered window class can be used to develop a complete Windows application. It serves as a quick interface for several program development environments such as Access, Paradox, Gupta Sequel server, and dBase.

### RECOMMENDED SYSTEM

#### DOS Configuration

1. IBM/AT486. 640KB of memory, 540KB free base memory
  2. DOS 3.0 or higher
3. 4MB of RAM
4. VESA modes 8-, 16- or 24-bit only

#### Windows Configuration

1. IBM/AT 486, 33MHZ or better Processor
2. 8MB RAM
3. Permanent Virtual memory (Recommended for large images)
  4. Windows 3.x in enhanced mode with VGA adapter
5. 16-bit color graphics card

#### Windows WIN32 Configuration

1. IBM/AT486, 33MHZ or better processor
2. 16MB RAM (3 MB of free RAM recommended)
3. Permanent Virtual memory (Recommended for large images)
4. 16-bit color (32,000 color) graphics card

### OTHER FEATURES/FUNCTIONS

The following LEADTOOLS features are not represented on the

1. I/O Redirect

\*\* State-of-the-art tool which allows the programmer to redirect standard I/O functions such as open(),seek(),write(),read() and close() to user defined I/O routines. An example of this feature would be to redirect file-to-file conversion to buffer-to-buffer compression.

2. Creating and extracting stamps from a bitmap

\*\* Picture stamps can be created and appended to the bitmap. The stamps can be extracted when necessary for preview or similar applications.

3. Decompress Bitmap in memory

\*\* Decompresses the LEAD or JPEG file in memory to desired bits-per-pixel and creates a LEAD Bitmap.

4. State-of-the-art LEAD DC (LEAD's Device Context)

\*\* A powerful tool that enables the user to draw primitives onto the bitmap. When the bitmap is saved, all the primitives drawn to the bitmap are automatically saved. Put text information on the bitmap, draw lines, circles, rectangles, ellipses by passing the function using the LEADDC instead of the Windows API DC.

5. LEADTOOLS includes 145 functions to integrate reading, writing, displaying, zooming, scrolling processing, inverting, scanning and printing of images. The toolkits have support for over 42 file formats. LEADTOOLS offers DIB and DDB support. The only 24-bit DIB driver in the industry that allows you to call any Microsoft Windows API drawing function directly to a bitmap.

#### PROFESSIONAL versus EXPRESS

LEADTOOLS Express includes all the features of LEADTOOLS Professional, plus enhanced performance. LEADTOOLS Express supports compression and decompression for JPEG and CMP file formats 2 times faster than the LEADTOOLS Professional. The Express uses hand-optimized, true 32-bit instructions for maximum speed performance on 386 and higher processors. Supports unlimited file size.

#### LEAD TECHNOLOGIES' PRODUCT LINE

##### End-User Products

LEADVIEW for Windows

##### Developer Products

LEADTOOLS Professional (DOS/Windows included)

LEADTOOLS Express (DOS/Windows included)

LEADTOOLS Express software license fees

LEADTOOLS WIN32 Professional (supports WIN32, NT, WIN95)

LEADTOOLS WIN32 Express (supports WIN32, NT, WIN95)

LEADTOOLS Express software license fees

LEADTOOLS Visual Basic Custom Control (VBX)

LEADTOOLS Visual Basic add-on for LEADTOOLS Professional and Express

LEADTOOLS FoxPro add-on for LEADTOOLS Professional and Express

LEADTOOLS Clipper for DOS

TRIPLE SPACE: DATA Compression/Disk Reduction technology

Call for details on custom applications, operating system ports and licensing fees.

ALL PRODUCTS ARE SOLD WITH 30-DAY MONEY BACK GUARANTEE.

About LEAD Technologies, Inc.

LEAD Technologies, Inc. (LEAD), founded in 1990 by Moe Daher and Richard Little, is the leading developer of PC-based image compression technology.

LEAD's products include developer toolkits for the following environments: DOS, Windows 3.X, WIN32s, NT, Visual Basic and Visual C++, FoxPro and Clipper. All products ship with extensive sample applications, including source code, that can dramatically shorten development time by allowing "cut and paste" of the the desired function into the application.

LEAD's proprietary CMP format provides an average of seven to one compression with no loss of image quality on 24 bit color images. (The best our competition can do is about 2.5 to 1 lossless compression). The CMP "lossy" image compression technique allows ratios as high as 200 to 1, with image quality guaranteed better than JPEG (or any of our competitors) at every compression level.

In addition to the LEAD CMP compressed file format, LEADTOOLS also provides a comprehensive implementation of JPEG and CCITT Group III and IV industry compression standards. LEAD's JPEG code has been optimized for speed and supports an industry-leading 56 "flavors" of the JPEG Interchange File Format. LEAD's optimized code decompresses and displays a 1MB 24-bit TGA image from disk in just 1.5 seconds!

#### GENERAL INFORMATION

Technical Support: As a registered user, free technical support is available. You must register your product to receive technical support. Technical support is available 9:00 AM through 6:00 PM Eastern Standard Time.

**MONEY BACK GUARANTEE ON ALL PRODUCTS:** LEAD offers an unconditional 30 day money-back guarantee on all products. Try our toolkit - risk free - and we guarantee that you will select LEAD as your partner in development.

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