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Announcing the Release of LEADTOOLS Version 14.5
New Document and Medical Features, TWAIN, .NET, Advanced PDF Compression and more!

Charlotte, NC (November 15, 2005) - - LEAD Technologies, Inc., the leading provider of imaging developer toolkits, announces the release of LEADTOOLS version 14.5. LEADTOOLS is a collection of SDKs (software development kits) designed to help programmers integrate imaging functionality into their applications. This latest release is packed with new and updated features including advanced document and medical features, new file formats and compression options, enhancements to the .NET Class Library, and new TWAIN technology.

New Document Imaging Features:

- New Document Compression: ABIC, JBIG2, and LEAD ABC (Advanced Bitonal Compression)
- New Annotation Features:
    o Save annotations in a new XML format
    o New Calibrate Ruler Feature
    o New Annotation Cursors
    o New Alpha Background Fill Option
    o Improved UI features in Annotations
- New ZoomView feature for image display
- New Barcode - New support for QR Barcodes and support for two Barcode Linear Modules (standard and advanced)
- Updated MRC - New and Advanced segmentation method for Mixed Raster Content file formats

New Medical Imaging Features:

- New Image Viewer Control for medical imaging
- New medical specific image processing functions
- Medical Display Container: A new high-level component that cuts the time to build medical display applications such as DICOM viewers and high-end diagnostic workstations by half
- Medical Web Viewer Demo: A fully functional web-based, DICOM-enabled medical/radiology viewer
- Medical Multimedia Filter Pack (MPEG-2 Compression in DICOM): includes a set of DirectShow filters for compressing and decompressing video data inside DICOM files
- Added new DICOM demos for .NET, both in C# and VB.NET
- MRI Brain Analysis tool
- Cookie Cutter: Adds the ability to extract individual slices from a radiographic scanned film

Advanced PDF Compressor Plug-in:

The new LEADTOOLS Advanced PDF Compressor produces highly optimized PDF files. This is accomplished by utilizing the superior LEADTOOLS compression algorithms to produce highly compressed PDF files while maintaining the best file quality possible. The PDF Compressor relies on the Mixed Raster Content (MRC) technology, which allows the segmentation of a specific image into many smaller segments. The smaller produced segments will then be compressed one at a time with the best compression algorithm possible for that specific segment. The result is multiple segments in an image; each one compressed with the best possible algorithm which ultimately produces a PDF file with the best quality and size.

New TWAIN:

- Twain High-level Functions
- Twain JPEG Compression: Describes the information necessary to transfer a JPEG-compressed image during a buffered transfer. The resulting images will be compatible with the JPEG File Interchange Format, version 1.1.
- TWAIN File System: Provides functionality to negotiate TWAIN file system.
- New Twain demos

New .NET Class Library Features:

- ImageList support for .Net

- New file formats added to .Net
- FileOpen/Save dialogs for .Net

New Image Optimizer:

- Optimize images for websites or applications by reducing colors and maximizing compression
- Optimizes a single image buffer (saved in memory)
- Optimizes a directory full of supported formats images:
- Supports the following formats (most commonly used by Internet Explorer) - JPEG, JPEG 411, JPEG 422, EXIF JPEG, GIF, PNG, BMP Without RLE Compression, BMP With RLE Compression

General Imaging Features:

- New CMYK TIFF (Load, save, print, process CMYK data)
- Compact TIFF files
- GeoKey (TIFF tag) support
- Full ICC Profile Management

For complete details visit http://www.leadtools.com/corporate/whatsnew.htm

Full Imaging evaluation toolkits are available free of charge from LEAD's website http://www.leadtools.com

About LEAD Technologies
Since 1990, LEAD Technologies, Inc. has been a global leader in the imaging developer toolkit market, providing programmers with feature-rich tools to "image-enable" their software applications. LEAD Technologies pioneered the fastest software-only image compression and continues to lead the field in advancing new imaging technologies and offering those technologies to programmers worldwide.

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