



Powerful Imaging Technologies: C DLL, C++ Class Libraries, .NET Class Libraries, .NET Compact Framework, WCF Services, WF Activities, WPF XAML Controls, Silverlight Controls, AJAX, COM & ActiveX.

Document Imaging

Develop powerful document imaging applications with LEADTOOLS Document Imaging SDK. Features include comprehensive annotations (Text, highlights, sticky notes, stamps, and more), and specialized bitonal image display and processing such as scale-to-gray and favor-black. Other features include performance and memory optimizations for bitonal images, document image clean-up including inverted text, border, hole-punch and line removal, and scanning with Fast TWAIN and WIA.

Multimedia Imaging

Create professional, high-quality multimedia applications with LEADTOOLS Multimedia SDK. Add multimedia functionality such as Capture, Play, and Edit, as well as the latest DirectShow filters and multimedia file support - load/convert to and from many multimedia formats (AVI, MPEG-2, MPEG-1, ISO (MP4, 3GPP, AAC, AVC1, MOV), XVID, ASF, WMV, WAV, WMA, OGG, etc). Get programmatic control over multimedia processors, compressors, video and audio inputs, types and sub-types; as well as increased camera control (brightness, contrast, zoom, etc); more flexible capturing options and much more.

Vector Imaging

LEAD's Vector Imaging Products offer 2D and 3D vector image formats, including DWG, DWF, DXF, and DRW. Convert vector files to raster images, convert between vector formats, rotate, change camera and lighting, edit vector objects and more. LEADTOOLS Vector Imaging technology is a great solution for developers who need to develop CAD/CAM/CAE applications, applications in support of Autodesk AutoCAD, or any application that requires the use of vector images. With LEADTOOLS Vector Imaging Pro, 2-D and 3-D vector imaging for loading, viewing, modifying and saving vector files to memory/disk in native vector formats is a matter of a few lines of code.

Medical Imaging

Develop powerful PACS and medical imaging applications with the LEADTOOLS Medical Imaging SDK engine. Features include Medical Web Viewer Framework, high and low level PACS SCP and SCU functions and controls, DICOM PACS communication security, comprehensive DICOM dataset support, 8-16 bit extended grayscale image support, image annotation, specialized extended grayscale image display such as window level and LUT processing, and specialized medical image processing. Other features include lossless JPEG compression, and signed and unsigned image data processing.

Imaging

Save time and money with LEADTOOLS' support for color conversion, display, compression such as JPEG, CCITT G4 and LEAD's proprietary CMP, image processing, TWAIN scanning, color conversion, display, special effects, (2000+ effects), 150+ image formats support, printing, Internet/intranet imaging, database imaging, imaging common dialogs, and screen capture.

The WPF/XAML Imaging SDK included with LEADTOOLS Imaging provides robust imaging capabilities, interface automation, data-driven user interfaces and visualization, as well as Windows shell (Explorer) integration. WPF can natively access Windows Imaging Component (WIC) codecs and APIs, allowing developers to write image codecs for their specific image file formats. LEADTOOLS Imaging takes full advantage of this capability, to provide you with out-of-the-box support for displaying, loading, saving, converting or processing all image formats supported by the Microsoft Windows BitmapSource class in the WPF environment, as well as the 150+ formats supported by LEADTOOLS Imaging.



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