VintaSoft Imaging .NET SDK v8.6

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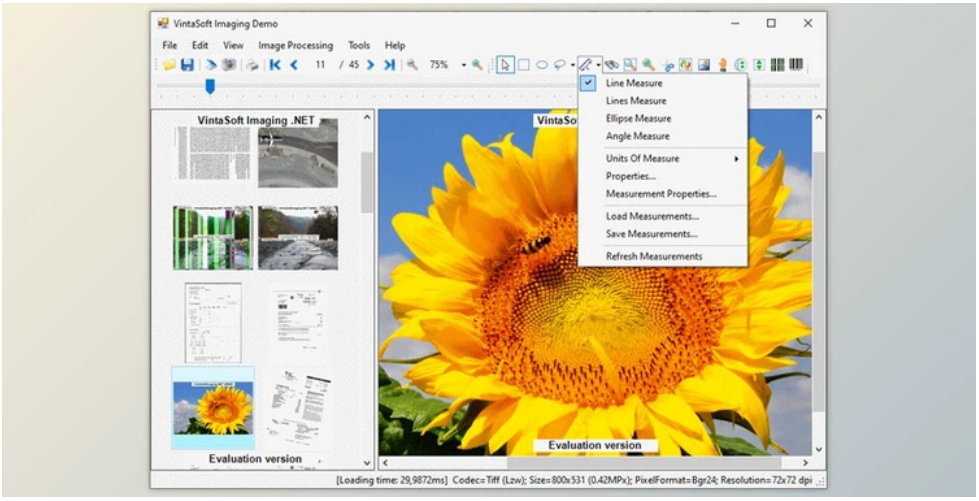

Entirely written in C#, VintaSoft Imaging .NET SDK is a library specializing in image processing, which empowers .NET programmers to incorporate a broad array of functionalities in their software jobs, allowing end-users to start, view, edit, convert, print, and capture pictures from DirectShow-compatible cameras or store them into many formats.

Create, load, capture, view, process, convert, print, and store images in .NET. WinForms controls for previewing and printing pictures. Render picture area synchronously or asynchronously. Procedure the entire picture or image area, undo/redo outcomes of image processing. Produce custom image processing control - design is open. Read and write image metadata (EXIF, TIFF, WANG, Adobe Photoshop). Use color management when printing and displaying pictures, perform the color transformation of pictures. Low-level functions for manipulating TIFF, GIF, ICO, CUR, JPEG, and PNG files.

VintaSoftImaging.NET SDK is your remarkable and easy-to-use imaging library for .NET, WPF, and WEB. The toolkit provides the skills to load, view, edit, print, capture from camera, and store digital pictures and PDFs.

VintaSoft Imaging .NET SDK a remarkable and easy-to-use picture processing library for programming in .NET surroundings, which offers the skills to load, watch, convert, manage, publish, capture from camera store pictures of a single page or multipage images.

WinForms, WPF, HTML, and SVG controls are encouraged, thus facilitating options for printing and archiving images. So far as picture manipulation is concerned, VintaSoft Imaging .NET SDK provides you the chance to take pictures in black and white, grayscale, RGB or RGBA, loading images from streams or files, print one image or a whole collection, and rescue alterations in a set back to the origin.

BMP, ICO, GIF, TIFF (single webpage, multipage, BigTIFF), JPEG, JPEG2000, PCX, PNG, PDF, and JBIG2 are encouraged for reading and composing photographs, while DICOM, EMF, JPEG-LS, RAW (DNG, CR2, CRW, NEF, NRW), WMF and XPS (WPF) are supported just for reading.

The library includes encoders, decoders, choices for low-level picture file manipulation, representation, metadata and color control, and support for several plugins, for example, PDF handling. The downloaded package incorporates numerous demos for x64, x86, and AnyCPU architectures (.NET Length 4 and 2), JavaScript, Tesseract OCR, C# VB.NET, in addition to hyperlinks to online demos in the programmer's website.

VintaSoft Imaging .NET SDK Great Features:

- This .NET library Is Totally written in C#
- AnyCPU, x86, and x64 style support
- Picture manipulation
- Picture loading and rescue
- Picture shooting from DirectShow compatible cameras
- Picture rendering
- WinForms and WPF controls for previewing and printing pictures
- WebForms controls for previewing images
- Picture processing
- Picture Metadata direction
- Shade management
- Additional skills with extensions

- Produce black-white, grayscale, color, RGB, or RGBA image supported image formats:
  - 1-, 4- and 8-bpp paletted
  - 1-, 4-, 8- and 16-bpp grayscale

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Other .Net Components

    - 24-, 32- and 48-bpp BGR
    - 32- and 64-bpp BGRA
    - 16-bpp BGR565 or BGR555
- Load image from a stream or file
- Blend images into picture collection
- Immediate access to pixel data
- Publish image or picture collection
- Save picture to a stream or file
- Asynchronously save picture collection to a stream or file
- Save varies in picture collection right back to the origin
- Save varies in the picture set to a new origin and change the origin after saving

- Supported file formats:
    - BMP (read & write)
    - DICOM (read-only) - VintaSoft DICOM .NET Plug-in Is Essential
    - EMF (read-only)
    - GIF (read & write), animated GIF (read & write)
    - ICO (read & write), CUR (read & write)
    - JBIG2 (read & write) - VintaSoft JBIG2 .NET Plug-in Is Essential
    - JPEG (read & write)
    - JPEG2000 (read & write) - VintaSoft JPEG2000 .NET Plug-in Is Essential
    - JPEG-LS (read-only)
    - PDF (read & write) - VintaSoft PDF .NET Plug-in Is Essential
    - PCX (read & write)
    - PNG (read & write)
    - RAW (read-only): DNG, CR2, CRW, NEF, NRW
    - TIFF (read & write), multipage TIFF (read & write),BigTIFF (read & write)
    - WMF (read-only)
    - XPS (read-only, WPF just)
- Decoders
    - Get picture info from stream or file with no loading image into memory
    - Get picture from stream or file
    - Get picture thumbnail from stream or file
    - Get picture metadata from stream or file
    - Produce new decoder - design is open
    - Handle (add, reorder, eliminate) decoders
- Encoders
    - Save pictures to a new document or flow
    - Insert a picture to a multipage document
    - Save picture changes to the picture origin
    - Save picture metadata to a stream or file without re-encoding the picture
    - Produce new encoder - design is open
    - Handle (add, reorder, eliminate) encoders
- Low-level picture file manipulation
    - Low degree TIFF file manipulation:
        - Handle (insert, insert, reorder, eliminate) TIFF webpages
        - Handle (insert, insert, reorder, eliminate) tags of TIFF webpage
        - Get scaled picture of TIFF webpage
        - Get image strip or tile of TIFF webpage
        - Establish image strip or tile of TIFF webpage without re-encoding the Entire picture
        - Duplicate a TIFF page into the Exact Same or alternative TIFF document without any re-encoding TIFF page info
        - Eliminate unused distance from TIFF document
    - Low degree GIF file manipulation:
        - Manage (insert, fit, reorder, eliminate) GIF frames
        - Change metadata of GIF framework
        - Get picture of GIF framework
        - Change cartoon parameters (delay, repeat, undo)
        - Optimize/deoptimize GIF document
    - Low degree ICO/CUR file manipulation:
        - Manage (insert, fit, reorder, eliminate) ICO/CUR frames
        - Get picture of icon or cursor
        - Establish hotspot to get cursor
    - Low degree JPEG file manipulation:
        - Change metadata
        - Get scaled picture
    - Low degree PNG file manipulation:
        - Change metadata
        - Get interlaced image
    - Low degree JBIG2 file manipulation - VintaSoft JBIG2 .NET Plug-in Is Essential
    - Low degree JPEG2000 file manipulation - VintaSoft JPEG2000 .NET Plug-in Is Essential
    - Low degree DICOM file manipulation - VintaSoft DICOM .NET Plug-in Is Essential

- Produce new performance for low level file manipulation - design is open

- Get a listing of accessible DirectShow image capturing apparatus
- Get telling about connected or disconnected apparatus
- Get apparatus friendly title, present picture capturing format and accessible picture capturing formats
- Establish desired picture capturing format
- Change additional apparatus settings using the apparatus settings conversation
- Capture pictures from apparatus

- Render picture region synchronously or asynchronously
- Get intermediate picture
- Handle rendering requirements for picture files

- WinForms and WPF controls for previewing pictures:
  - Progressive multithreaded picture rendering with progress hint
  - View pictures of size
  - Magnify, pan and scroll picture
  - Select rectangular, elliptical or custom image area
  - Zoom picture or image area
  - Drag and drop picture area
  - Overlay image area
  - Preview picture processing outcomes
  - Tug graphic items (rectangle, text, line, etc) on picture viewer
  - Produce layers in picture viewer and establish interaction with consumer - design is open
  - Slideshow images
  - Display Exclusive image map for rapid navigation along the big picture
  - Do what you need - design is open
- WinForms and WPF controls for previewing image thumbnails:
  - Multithreaded thumbnail making progress hint
  - Screen thumbnails vertically or horizontally
  - On-demand thumbnail loading
  - Define appearance for its ordinary, concentrated, chosen and hovered thumbnail
  - Insert caption into a thumbnail
  - Select multiple thumbnails
  - Reorder thumbnails by dropping and dragging the thumbnails
  - Do what you need - design is open
- WinForms and WPF controls for editing and viewing picture palette
- WinForms and WPF controls for annotating images (VintaSoft Annotation .NET Plug-in is required)
- WinForms and WPF controls for previewing image thumbnails with annotations (VintaSoft Annotation .NET Plug-in is required)
- WinForms and WPF controls for previewing images before printing

- ASP.NET Web Forms and ASP.NET MVC control for previewing pictures:
  - Classy picture rendering with in-built tile making
  - View pictures of size
  - Magnify, pan and scroll picture without server-side postback
  - Select rectangular image region without server-side postback
  - Zoom picture or image region without server-side postback
- ASP.NET Web Forms and ASP.NET MVC management for previewing image thumbnails:
  - On-demand thumbnail rendering
  - Define appearance for its ordinary, concentrated, chosen and hovered thumbnail
  - Select multiple thumbnails
- ASP.NET Web Forms and ASP.NET MVC control for annotating images (VintaSoft Annotation .NET Plug-in is required)
- ASP.NET Web Forms and ASP.NET MVC controller for previewing image thumbnails with annotations (VintaSoft Annotation .NET Plug-in is required)

- Get Information Regarding picture: capture color count, get desktop shade, get edge rect., get spinning, capture histogram, is picture blank and much more
- Apply shared processing into a picture: alter pixel structure, rotate, flip, resize, resize picture, harvest, transparent, fill, resample, overlay, overlay concealed, overlay with mixing and more
- Employ color mapping into a picture: invert, binarize, brightness, contrast, gamma, hue, saturation, color mixing, halftone, degrees, alpha and much more
- Apply filters to a picture: maximum, minimum, mean, median, midpoint, dilate, erode, convolution, blur, sharpen, emboss and much more
- Apply effects to a picture: automobile colors, auto contrast, auto levels, mosaic, motion blur, pixelate, red eye elimination, solarize, tile manifestation and much more
- Clear the record image: despeckle, deskew, boundary removal and clear, halftone removal, automobile text orientation, record segmentation, text retrieval out of halftones and much more -VintaSoft Document Cleanup .NET Plug-in Is Essential
- Procedure the Entire picture
- Procedure the custom or rectangular image area
- Blend several commands into one command
- Parallelize implementation of control on many threads

- Undo/redo effects of image processing
- Produce custom image processing control - design is open

- Read and write EXIF metadata in TIFF and JPEG files
- Read EXIF Makernote metadata out of RAW files
- Read and write TIFF tags
- Read and compose WANG metadata in TIFF documents
- See Adobe Photoshop Resource metadata
- Preview picture metadata as shrub
- Create classes for writing and reading other metadata - design is open

- Use the color management when decoding picture files
- Use the color management when printing and displaying pictures
- Perform the color transformation of pictures
- Get the color transformations from ICC-profiles v.2.0-4.3
- Utilize a Range of color transformations
- Define custom color transformations - design is open

- Load, edit and save PDF files - VintaSoft PDF .NET Plug-in Is Essential
- View all of Current PDF documents - VintaSoft PDF .NET Plug-in, VintaSoft JBIG2 .NET Plug-in and VintaSoft JPEG2000. NET Plug-in are essential
- Encode color document images to PDFs using innovative MRC (Mixed Raster Content) compression -VintaSoft PDF. NET Plug-in andVintaSoft Document Cleanup .NET Plug-in are essential
- Work with electronic signatures of PDF document, produce some habit submittable PDF interactive form fields and catch user input from VintaSoft PDF. NET Plug-in Is Essential
- Annotate pictures - VintaSoft Annotation. NET Plug-in Is Essential
- Annotate PDF records - VintaSoft PDF. NET Plug-in and VintaSoft Annotation .NET Plug-in are essential
- Cleanup record images beforehand to enhance the outcomes of text recognition (OCR) -VintaSoft Document Cleanup. NET Plug-in Is Essential
- Recognize text in document images and conserve recognition results into a text document -VintaSoft OCR. NET Plug-in Is Essential
- Recognize text in document images and conserve recognition leads into a searchable PDF document -VintaSoft OCR. NET Plug-in andVintaSoft PDF .NET Plug-in are essential
- Identify and align with the file image, identify marks (OMR), text and barcodes at a record type -VintaSoft Forms Processing. NET Plug-in Is Essential
- Recognize barcodes in images and PDF files - VintaSoft Barcode. NET SDK is required
- Get images from TWAIN scanner and then load them in to Picture Viewer - VintaSoft Twain. NET SDK is required

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版本列表

VintaSoft Imaging .NET SDK v8.6 + CRACK