

Atalasoft DotImage SDK v11.4.0.11 build 410 (29 Sep 2023)

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"Atalasoft DotImage .NET" is a comprehensive software development kit (SDK) for document imaging, designed to empower developers with a wide range of capabilities for managing scanned documents. With DotImage, you can effortlessly read, convert, and edit documents and add annotations to transform physical and electronic documents into interactive assets for your applications. DotImage offers a suite of user-friendly UI elements and annotation controls that enable precise rotation and annotation management. Moreover, DotImage .NET SDK supports a variety of image conversion and decoding tools, allowing you to open images in various formats.

DotImage is a leading .NET imaging SDK, catering to the needs of professional developers. It seamlessly integrates features such as viewing, scanning, converting, editing, and annotating into your web, mobile, and desktop applications. DotImage stands out for its speed, reliability, and exceptional support team.

HTML5 Web & Mobile Viewing: DotImage supports many formats, including TIFF, PDF, DICOM, JPEG2000, JBIG2, Word, Excel, and PowerPoint. You can perform actions such as editing, inserting, reordering, removing, and rotating pages. Additionally, it offers document cleanup features like binarization, deskewing, and despeckling. DotImage comes with touch support and adaptive scaling for mobile viewing, enabling file uploads through drag-and-drop or selection. It also includes a Thumbnail viewer for easy page navigation and rearrangement.

PDF Support: DotImage can convert images from supported formats to PDF. With the PDF Reader add-on, you can view, edit, convert PDFs to other image formats, and merge or split PDFs. You can manipulate PDF metadata and bookmarks, annotate PDFs, fill in PDF forms in the browser, and work with password-protected encrypted PDFs. Additionally, you can add OCR functionality to create searchable PDFs.

Annotations: DotImage allows you to view, burn, and edit images with annotations. It supports various annotation types, including freehand, text boxes, sticky notes, rubber stamps, lines, ellipses, rectangles, and polygons. DotImage even handles annotating multipage TIFFs and lets you view and author PDF annotations. In Windows Forms applications, you can print images with annotations precisely as they appear on the document.

Format Conversion: You can read from and write to numerous formats like TIFF, PNG, and JPEG. DotImage also facilitates conversions to and from DICOM, DWG, DXF, and the .NET Bitmap classes. The PDF Reader add-on allows for PDF conversions, and the Office add-on permits reading Word, Excel, and PowerPoint files and converting them to other supported formats, individually or in batches.

Image Processing: DotImage includes various image processing features crucial for downstream processes like OCR. Functions encompass cropping, rotation, flipping, resizing, and resampling. Advanced image cleanup is available, including complex overlays, noise reduction, color management, and auto-leveling. Additionally, you can perform tasks such as deskewing, despeckling, and removing borders, lines, or hole punches.

Multipage Documents: DotImage offers extensive support for manipulating multipage documents in TIFF and PDF formats. You can reorder, remove, add, replace, or combine pages. This includes viewing, editing, creating multipage documents, and merging or s and into new files. For PDF support, you'll need the PDF Reader add-on.

Desktop Viewing: DotImage includes .NET Desktop Viewing and Image Processing features. It supports drag-and-drop functionality, page reordering, anti-aliasing, and customizable thumbnail sizes. .NET Winforms Viewing controls are available, with or without annotation support. DotImage provides various viewer controls and thumbnail viewers that can be seamlessly integrated. Additionally, it includes Optical Mark Recognition (OMR) for scoring multiple-choice paper forms."

This rewritten version aims to maintain the original content's clarity and comprehensiveness while providing a fresh and organized presentation.



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标签

- ASP.Net
- Components
- .Net

Atalasoft DotImage SDK Great Features:

- Document display and annotation to complete a workflow step
- Easy conversion of different formats to other standard formats
- Get pages in an object collection for easy rearranging
- Easily combine documents with a single function call
- Image cleaning: use functions to remove artificial scanning, remove noise
- Direct Pixel Access: Format and stream pixels to various engines to perform transformation process detection
- Desktop Scanning: Configure and start scanning using the Dot Images API
- Use barcode or any other behavior to split and create individual documents from bulk scan automatically
- Native viewing: TIFF, PDF, and many other image formats can be viewed in the browser using the Imaging SDK
- Use annotations and server functions
- View PDF directly in Windows or a web application
- Convert from PDF to another image format
- Extracting data from a specific area to create appropriate index fields
- Identify characters based on alphabets and numbers from a scanned image

WEB DOCUMENT VIEWING

DotImage offers HTML5 viewers and JavaScript controls, enabling seamless document access, viewing, and interaction within any modern web browser.

Key Features:

- Effortless Web Viewing: DotImage facilitates the viewing of TIFF, PDF, and various other image formats directly in web browsers, eliminating the need for browser plugins or downloads.
- Robust Annotation Tools: The integrated toolbar provides standard and customizable markup and redaction annotation features, enhancing document collaboration and security.
- Intuitive Page Management: Easily navigate multiple documents with straightforward page controls.

Note: PDF Viewing and Manipulation capabilities require the PDF Reader add-on.

TWAIN SCANNING

DotImage incorporates DotTwain, a library designed to interact with scanners on Windows machines, adhering to the TWAIN standards for scanner and camera drivers.

Key Features:

- Desktop Scanning Made Simple: Easily configure and initiate scans using DotTwain's user-friendly API.
- Custom Separation: Employ barcodes or other criteria to separate and create individual documents from bulk scans automatically.

For web-based scanning, please refer to the WingScan solution.

ANNOTATIONS

DotImage offers both back-end and UI controls to facilitate the addition, editing, viewing, and removal of annotations within documents. Annotations can be embedded within the document or stored separately.

Key Features:

- Document Markup: Redact sensitive information or highlight critical content to enhance document security and clarity.
- Custom Annotations: Add personalized stamps, visual signatures, or text notes to documents.
- Collaboration-Friendly: Seamlessly integrate annotation support into your applications to promote collaboration.

FORMAT INDEPENDENCE

The DotImage .NET Developer SDK supports a range of image encoders and decoders, enabling uniform treatment of images regardless of format. Whether PDF, TIFF, JPG, PNG, RAW, or others, DotImage handles them all consistently.

Key Benefits:

- Effortless Format Conversion: Easily convert documents from one format to another, including batch processing for multiple documents.
- Simplified Coding: Streamline development by treating all formats uniformly in your codebase.

PAGE MANAGEMENT

DotImage includes a library for modifying document structures within multipage PDF and TIFF files.

Key Features:

- Page Control: Effortlessly add, delete, or rearrange pages within documents with minimal memory consumption.
- Document Combination: Merge multiple documents into a single cohesive file effortlessly.

RASTER IMAGE MANIPULATION

DotImage SDK provides functions and engines to aid in converting images into storable formats.

Key Functions:

- Image Cleanup: Utilize the Imaging SDK's functions to eliminate scanning artifacts, correct page orientation, and remove noise that might disrupt the transformation process.
- Pixel-Level Control: Format and stream pixels into any engine for precise detection during transformation.

WINFORMS CONTROLS

DotImage offers a series of WinForms UI controls for document viewing and annotation.

Key Features:

- WinForms Viewing: Tailored viewers for WinForms applications.
- WPF Viewing: Specialized viewers designed for Windows Presentation Forms applications.

This rewritten version aims to maintain the original content's clarity while presenting it in a more organized and reader-friendly manner.

版本列表

Atalasoft .NET SDK v11.2.0.5 build 387 (30 Jun 2020) DotImage

Atalasoft DotImage SDK v11.4.0.11 build 410 (29 Sep 2023)