



Black Ice Software is proud to announce the release of the **Document Imaging SDK 12.80** to process/**display legacy Wang** annotations and many more.

The **Wang annotations** can be displayed and then **saved** in an **easy to use XML** format in an external file or the TIFF header for further display, processing, or easy conversion to another annotation format.

The **Wang annotation** was popular with Microsoft "**Imaging for Windows**" and some third party applications such as Global 360 and Open Text applications.

The **Document Imaging SDK's** Wang annotation library functions enable a business to **move** from their **old legacy** applications **to** a portable third party platform such as the **Black Ice Tiff Viewer**.

The reading and converting of **Wang annotations** will enable developers to use the **Document Imaging SDK** to **convert** millions of documents from Wang annotations to **Simple portable XML format**.

Wang annotation objects added to the Document Imaging SDK:

- Freehand Line (Implemented)
- Highlighter (Implemented)
- Straight Line (Implemented)
- Hollow Rectangle (Implemented)
- Filled Rectangle (Implemented)
- Typed Text (Implemented)
- Attach-a-note (Implemented)
- Text from a file (Implemented)
- Rubber Stamps (Implemented as a Black Ice Image or Text annotation based on the type)
- Initials (Implemented as a Black Ice Text annotation)
- Hollow Polygon (Implemented)
- Filled Polygon (Implemented)
- Auto Polygon (Implemented as a regular Polygon type)
- Form (Implemented as a regular Image)
- OCR Region (Implemented as a regular Text annotation)
- Hyperlink (NOT Implemented as the hyperlink property)
- Image Reference (NOT Implemented as a regular Image)

The complete list of improvements in the latest Document Imaging includes the following:

- Annotation Added support for reading WANG annotations (#12952)
- Annotation Added unicode support to Note and Text annotations (#12723)
- Annotation Stability improvement for copy-pasting annotations (#12471, #9981)
- Annotation Stability improvement for loading metafile, signature and stamp annotations (#12472)
- Annotation Stability improvement for undo in the C# and VB.NET samples (#13102)
- OCR Tesseract release Dec 26 2019 V4.1.1 (#12712)
- TIFF Stability improvement for opening certain multi-page JPEG compressed TIFF files (#12719, #12787)
- PDF Stability improvement for appending pages to existing image PDF documents (#12224)
- PDF Fixed minor memory leak when loading certain image PDF documents (#12900)
- Minor user interface improvements in the samples (#13103, #13104)
- Updated Manuals

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