

**VeryUtils** JBIG2 Encoding and Decoding SDK Library is a powerful tool for developers looking to add support for JBIG2 image compression to their applications. JBIG2 is a popular image compression standard for black-and-white images, and is used in a variety of contexts, including PDF documents and document scanners. The library allows developers to read and write both single and multipage JBIG2 images, and to convert from more than 100 document formats to JBIG2.

<https://veryutils.com/jbig2-encoding-and-decoding-sdk-library>

## VeryUtils JBIG2 Image Compression SDK Library

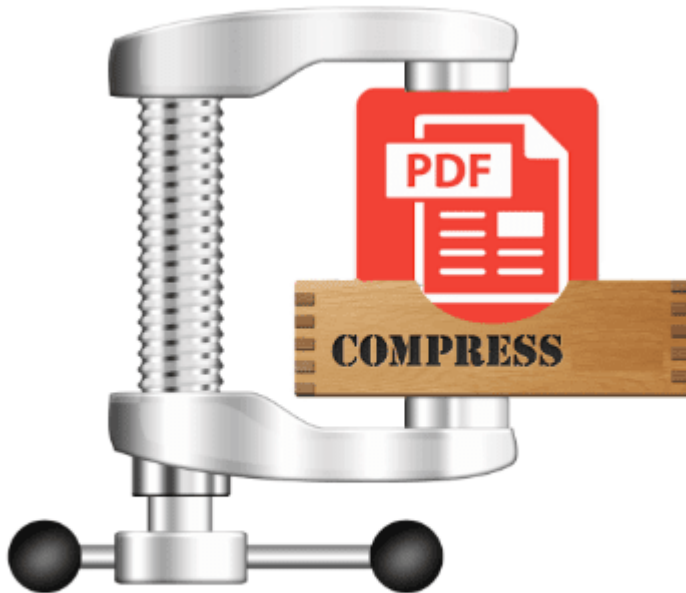
Document	Uncompressed	CCITT Group IV	JBIG2 lossless	JBIG2 lossy	PDF with JBIG2 lossless	PDF with JBIG2 lossy
2550x3300, 1-bit, 300 dpi, 121 pages, text (TIFF 6 specification)	122 Mb	<a href="#">3.87 Mb</a>	<a href="#">1.15 Mb</a>	<a href="#">0.55 Mb</a>	<a href="#">1.4 Mb</a>	<a href="#">0.6 Mb</a>

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**VeryUtils** JBIG2 Encoding and Decoding SDK Library enhances the compression of PDF documents by using the JBIG2Decode filter instead of CCITTFaxDecode. This can result in significantly smaller PDF files, with a compression rate of up to 2-5 times that of CCITT4. The library also supports both lossless and lossy compression, with a sophisticated pattern matching and substitution engine that helps to prevent unwanted substitutions.

**VeryUtils** JBIG2 Encoding and Decoding SDK Library offers low memory usage and is available in both 32-bit and 64-bit versions. It can also be used in multi-threaded applications, and the encoding engine is constantly being improved to provide the best possible results. VeryUtils JBIG2 Encoding and Decoding SDK Library is a valuable resource for developers looking to add support for JBIG2 image compression to their applications.

JBIG2 is an image compression standard for bi-level images, developed by the Joint Bi-level Image Experts Group.



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JBIG2 is a widely-used image compression standard that is particularly well-suited for black-and-white images. It is known for its high compression ratio, which can be as much as 2-5 times more effective than CCITT Fax Group 4 compression. If you are developer, you can integrate VeryUtils JBIG2 Encoding and Decoding SDK Library into your application, then you can compress your scanned documents to JBIG2 compressed images or PDF files quickly.

Main Features in VeryUtils JBIG2 Encoding and Decoding SDK Library:

- \* Read and write single page JBIG2 image.
- \* Read and write multipage JBIG2 image.
- \* Convert from more than 100 document formats to JBIG2.
- \* Enhance PDF compression using the JBIG2Decode filter instead of CCITTFaxDecode.
- \* Support for lossless compression.
- \* Support for lossy compression with a very sophisticated pattern matching and substitution engine (based on full page layout analysis) to prevent as much as possible undesired substitutions.
- \* Compress 2 - 5 times more than CCITT4.

- \* Low memory usage.
- \* AnyCPU: available in 32 bit & 64 bit versions.
- \* Can work in multi-thread applications.
- \* Constantly improved encoding engine.

See Also:

Image to PDF Converter Command Line with OCR, JBIG2, JPEG2000,  
<https://veryutils.com/image-to-pdf-converter-command-line>

PDF Compressor Command Line,  
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JBIG2 Encoding and Decoding SDK Library,  
<https://veryutils.com/jbig2-encoding-and-decoding-sdk-library>

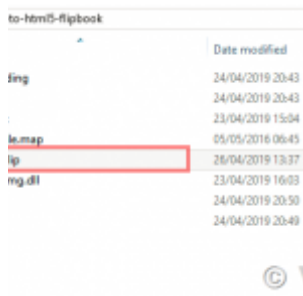
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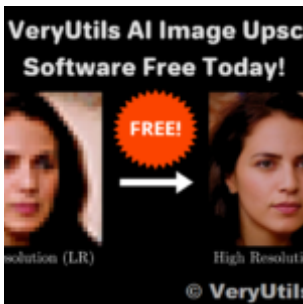
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