



ALLMY PAPERS™

BarBATCH

Automatic Extraction of Bar Code Data from File Directories of Images Application

BarBatch

- Detects bar code(s) within the image files at any angle or location
- Finds all the bar codes on the page
- Reads in any direction
- Repairs automatically image files for best bar code data extraction accuracy
- Reads and extracts bar code data
- Exports bar code data in ASCII format to databases
- Converts single image files to multi-image files
- Converts multi-image files to single image files

BarBatch

A batch file processing Windows application run in either a command line or interactive mode that detects, finds, image processes and extracts bar codes from scanned images in thousands of files in directories and sub-directories.

Compatible with Most Types of Images

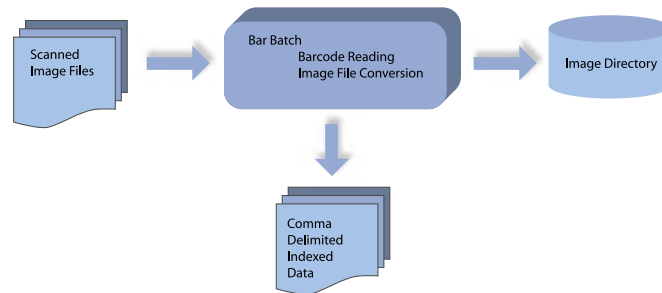
BarBATCH accepts a wide variety of image formats such as:

- Bitonal
- Color
- Grayscale

BarBATCH Benefits

- High read rate accuracy
- Easy to use
- Reliable
- Fast
- Low reject rates
- Economical licensing, no per click charges

High Read Rate, Easy to Use, Fast and Automatic Batch Processing Bar Code Reading and File Conversion Application



Ready to Run Software Solution

- High read rate bar code
- Simple user dialog for control and setup
- Command line or interactive execution
- Automatic processing of full directory trees of image files
- Output ASCII file of bar code data
- Input single/multi image TIFF files
- Output single/multi image TIFF or PDF files

Supports One Dimensional Bar Codes

- Bar Code 3 of 9
- Bar Code 2 of 5
- Bar Code Codabar
- Bar Code I25
- Bar Code 93
- Bar Code 128
- Bar Code UPC-A
- Bar Code UPC-E
- Bar Code UCC128
- Bar Code EAN 8
- Bar Code EAN 13
- Bar Code Postnet (Postal)
- Bar Code Patch Code
- Bar Code Airline 2 of 5
- Bar Code Planet
- Bar Code BCC 32
- Bar Code 3 of 9 NSS

Supports two Dimensional Bar Codes

- Bar Code PDF 417
- Data Matrix

Input Format and File Compatibility

- Bitonal, grayscale and color image formats
- BMP, JPEG (JFIF), JBIG, G4 no header
- PCX, DCX, RLC
- TIFF (Uncompressed, LZW, Packbits, G3 Fax, G3-2D, G4, JPEG, Type 2, Multi-image)

Output File Compatibility

- BMP, JPEG (JFIF), PDF (bilevel multi-image)
- TIFF (Uncompressed, G3 Fax, G3-2D, G4)

File Conversion

- Single TIFF files to multi-image TIFF Files
- Multi-image TIFF files to single-image TIFF files

Image Output Control

- Create single/multi image TIFF or PDF
- Naming conventions control

ASCII File Format Control

- Multiple record formats
- Field order selection
- Field content selection
- Delimiter selection

Image Processing

- Automatic image skew correction
- Automatic image edge removal
- Automatic image registration

Other

- Checksum Control
- Filters to handle dropped fax lines

Solutions For All Your Papers





BarBATCH

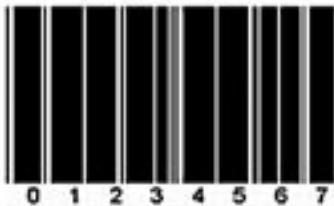
Automatic Extraction of Bar Code Data from File Directories of Images Application



UPC-A



PDF-417



Code 39 (3 of 9)

High Read Rate, Easy to Use, Fast and Automatic Batch Processing Bar Code Reading and File Conversion Application

Product Description

BarBATCH is a Windows application run either on a command line or interactive basis.

BarBATCH detects, finds, image processes and extracts data from a wide variety of bar code types. BarBATCH will process entire folders and directories containing thousands of images automatically. BarBATCH delivers the most accurate bar code detection and data reading from document images.

BarBATCH will also convert, reformat and repack-age image files. This allows the conversion of multi-page TIFF to single images or PDF files. BarBATCH is based on All My Papers Amplib Bar Code Reader.

Bar Code Reading Challenges

The application was designed to deal with problems generated by low quality scanned images. BarBATCH Bar code reader detects and finds the bar code and extracts the data.

- Detects bar code location
- Reads in any direction - top to bottom, left to right or vice versa.
- Checksum verification
- Process 100 dpi images easily
- Reads low quality and damaged images
- Finds small bar codes
- Multiple bar codes on a page
- Bar codes at any angle

Problem Description

Bar codes are used in document and check imaging to store data, batch process, route documents and index data bases. With automatic bar code detection and reading, processes can be automated and manual data entry minimized.

Accuracy

A number of exclusive automatic processes and routines are incorporated into BarBATCH Code Reader to ensure the accuracy of extracting the correct bar code data. Image processing functions are:

- Automatic image skew correction
- Automatic image edge removal
- Automatic image registration

Production Proven

All My Papers has developed and perfected image bar code reading technology for over sixteen years. Millions of bar codes are read on a daily basis using our applications and technology.

Licensing Model

The application has a one time fee and comes with runtime licensing.. There are no per click charges.

Minimum System Requirements

- Operating system: Windows XP Pro, 2000 Pro, or NT
- CPU: Pentium 4, 2 GHZ, 512MB RAM



www.allmypapers.com

13750 Serraoaks
Saratoga, CA 95070

tel 408.366.6400
fax 408.366.6406



All trademarks and registered trademarks are property of their respective owners.

03/01/2005