Recogniform BCR (Barcode Recognition) SDK for Delphi

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This SDK is a library that permits the recognition of barcodes from scanned pictures.
The strategy employed for hunting and decoding barcodes in images relies on a *Virtual Laser that*, a true laser weapon, scans pictures searching for barcodes put in each place.

You can define several choices fine-tuning the recognition procedure:

You can define the types of barcode symbols to see, placing each mix from supported criteria

- Interleaved 2of5
- 2of5 IATA / 2of5 Airline
- 2of5 Industrial
- 2of5 Datalogic
- 2of5 Conventional / 2of5 Matrix
- Code 11
- Code 39
- Code 128
- Codabar
- MSI / Plessey
- EAN 13 / JAN / ISBN
- EAN 8
- UPCA A
- UPCA E
- EAN/UPC EXT2
- EAN/UPC EXT5
- PharmaCode
- Code39 Extended

On-demand, we can also offer support for other standard or proprietary barcode symbols.

Recogniform BCR Great Attributes:

- Virtual Laser head dimensions
  it is possible to define the size of digital laser recognition head: using a bigger size, you might have recognition of damaged barcodes; with bigger dimensions, it's possible to recognize barcode having elevated skew rather than
- Virtual Lasermoving measure
  It is the measure for transferring the digital laser recognition head across the page: with the big step, you enhance the

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rate; with the little step, you enhance the precision.

- Max Expected Codes per Picture
  the most amount of codes to discover and read in one image.
- Min Code Length
  The minimal characters span anticipated for every code.
- Max Code Length
  The maximum figures span anticipated for every code.
- Picture Quality
  The anticipated picture quality, the choice between Regular, Dark, Light.
- Orientation
  The anticipated recorder orientation, any combination from:
  - Left to right
  - Right to left
  - leading to base
  - Bottom to high
- Check digit confirmation flag.
  The alternative allowing to disable or enable the check digit confirmation.

You need to provide the monochrome, gray-scale, or true-color DIB (Device Independent Bitmap) to the procedure along with such choices.
Using the Recogniform barcode engine, the recognition process is quite fast and precise: a 300 DPI A4 page, filled with contents, is generally processed in less than 0.1 minutes!
The library returns the Number of recognized barcodes and for everyone:

- the decoded string
- The place and the dimensions
- The check-digit existence and validity
- the barcode type
- The orientation

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