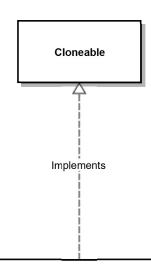


DataMatrix

- + BLACK_CHAR: char + WHITE_CHAR: char
- image : Barcodelmage
- text: String
- actualWidth: int
- actualHeight : int
- + DataMatrix() + DataMatrix(Barcodelmage image)
- + DataMatrix(String text)
- + readText(String text): boolean
- + scan (Barcodelmage image): boolean computeSignalWidth (): int

- computeSignalHeight (): int + generateImageFromText (): boolean
- + translateImageToText (): boolean + displayTextToConsole (): void
- + displayImageToConsole (): void readCharFromCol (int col): char

- writeCharToCol (int col, int code): boolean cleanImage (): void
- clearImage (): void



Barcode

- + MAX_HEIGHT int
- + MAX WIDTH int
- imageData : boolean
- + Barcodelmage ()
- + Barcodelmage (String[] str_data)
- + getPixel(int row, int col): boolean
- + setPixel (int row, int col, boolean value): boolean
- checkSize(String[] data): boolean
- + displayToConsole (): void
- + clone(): Object

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