History of Changes

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1. Version 2.0 alpha 2 (2007-02-14)

1.1. code

- Added support for orientation in the FOP 0.20.5 extension. (jmaerki)
- Fixed the registration of all barcode types in the FOP 0.20.5 extension. PDF417 and DataMatrix didn't work in 2.0 alpha 1. (jmaerki)

2. Version 2.0 alpha 1 (2007-01-19)

2.1. code

- Added a feature for applying a formatting pattern to the human-readable message (for Interleaved 2 of 5, Code 39, Code 128 and Codabar). (jmaerki) Thanks to Dimitar Vlasev.
- Added an initial version of a EAN-128 implementation. (buerkle)
- Added an initial version of a DataMatrix implementation. (jmaerki)
- Added a Royal Mail Customer Barcode implementation. This is a "four state" barcode. The base implementation can also be used for other four state barcodes later. (jmaerki)
- Added support for barcode orientation (0, 90, 180 and 270 degrees). (jmaerki)
- Added a PDF417 implementation. (jmaerki)
- Added extension for the redesigned Apache FOP. (jmaerki)
- Bugfix: Skip generating metadata using ImageIO if it's not writable (as for image/bmp in JDK 1.5) (jmaerki)
- For Code128, the font descender has to be added to the overall barcode height so lower-case characters don't get clipped. (jmaerki)
- Adjusted SAXON 8 extension to versions 8.7.1 and later. This was necessary because of backwards-incompatible changes in the extensions API after the 8.0 release. (jmaerki) Thanks to Robert Deeken.
- Made logic handlers local to a barcode where appropriate to reflect reality and provide greater flexibility. (jmaerki)

3. Version 1.0 (2004-11-18)

3.1. docs

- Documentation updates. (the_webmaestro)

4. Version 1.0rc1 (2004-10-31)

4.1. admin

- "Krysalis Barcode" renamed to "Barcode4J" and moved to its own SourceForge project. (jmaerki)

4.2. code

- Added a sample applet to demonstrate barcodes on the website and the use of the Bean-API in conjunction with Java2D/AWT-drawing. (jmaerki)
- Barcode4J now has a Bean-style API making Avalon Framework an optional dependency. The build produces a new JAR, barcode4j-light.jar, which only contains the non-Avalon-Framework-dependant classes. (jmaerki)
- SVG generators now create a viewBox and work with logical units instead of with real world units. (jmaerki)
- Changed internal unit for font sizes from points to millimeters to faciliate SVG generation with a viewBox attribute. (jmaerki)
- Added an XSLT extension for SAXON 8.x. (jmaerki)
- Added support for font and font size (human-readable part) from barcode XML, the servlet and the example webapp. (jmaerki) Thanks to Andrew Nelson.
- POSTNET now displays the correct expected checksum character. (jmaerki)
- Fixed FOP extension to work with the AWT renderer. (jmaerki) Thanks to Bruno Marçal Dias.
- Bug 942246: Fixed a bug in the default Code 128 encoder for FNC1 commands in codeset C. (jmaerki) Fixes 942246.
- Fixed a mistake in the FOP extension so it accepts the message in both the "message" and "msg" attributes. (jmaerki)
- For Interleaved 2 of 5, Code 39 and POSTNET, added the ability to include the generated checksum in the human-readable part. For Code39, the start and stop characters can also be enabled. (jmaerki)
- Barcode XML for the human-readable part is now different, all parameters sub-elements of a "human-readable" element. (jmaerki)

4.3. legal

- Barcode4J is now under the Apache License, Version 2.0. The Copyright name has been changed from Nicola Ken Barozzi to Jeremias Maerki. The latter was requested by Nicola Ken Barozzi and was approved through community decision. At least 95% percent of the code has been developed by Jeremias Maerki anyway. (jmaerki)

5. Version 1.0beta (2003-10-31)

5.1. code

- Display a full list of supported MIME types in the command line application. (jmaerki)
- Add support for passing resolution information into the generated bitmaps. (jmaerki)
- Extended Xalan extension to handle barcode XML just like the SAXON extension instead of using the generate function. (jmaerki)
- Added an extension for the SAXON XSLT Processor from Michael Kay. (jmaerki)
- Added FOP extension for FOP 0.20.5 and an experimental extension with native output support (for EPS and PDF, not going via SVG/Batik). (jmaerki)
- Support for inches in lengths. (jmaerki) Thanks to Chris Dolphy.
- Added POSTNET implementation. (jmaerki) Thanks to Chris Dolphy.
- Improved DOM to Avalon Configuration conversion. (jmaerki)
- Extended sample webapp to support the new output formats. (jmaerki)
- Full command-line interface. (jmaerki)
- Add Java2D (Graphics2D/AWT) output support. (jmaerki)
- Add bitmap output support. (jmaerki)
- Added EPS (Encapsulated PostScript) output support. (jmaerki)
- Fixed bug where Krysalis Barcode failed under JDK 1.3.x when compiled under JDK 1.4.x (ImageIO not present). (jmaerki)
- Allow lowercase a-z in Code39 symbols. (jmaerki)
- Moved responsibility for instantiating a Canvas object from the user to the barcode implementation. Simplification for users. (jmaerki)

6. Version 0.9 (2003-05-09)

6.1. admin

- Initial Import (nicolaken)

6.2. code

- Added support for supplementals (UPC and EAN barcodes). (jmaerki)
- Added an EAN-8 implementation. (jmaerki)
- Added a UPC-E implementation. (jmaerki)
- Reestablished JDK 1.3 compatibility. (jmaerki)
- Fixed OutOfMemoryError problem with long Code128 messages by rewriting the message encoder. The encoder is also factored out as an interface so plugging in custom implementations is possible. (jmaerki)
- Fixed size calculation for Interleaved 2 of 5 and Code 128. (jmaerki)
- Fixed painting of symbols without human-readable message. (jmaerki)
- Improve usability of sample web application. Error result in a SVG that shows the detailed error message. (jmaerki)
- Nicer UPC-A painting. (jmaerki)
- Improved checksum configuration (mode="add|check|ignore|auto" instead of add-checksum/enable="yes|no"). (jmaerki)
- Refactored BarcodeUtil into a Singleton to make usage easier. (jmaerki)

6.3. docs

- Added some initial content to the website. (jmaerki)