

# History of Changes

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## 1 Introduction and explanation of symbols

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Changes are sorted by "type" and then chronologically with the most recent at the top. These symbols denote the various action types: =add, =fix, =update

## 2 Version Trunk (n/a)

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### 2.1 Changes to the Code Base

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- Image Loading: Support for passing in SAXSource instance. Committed by JM. Thanks to Adam Strzelecki. See Issue [44466](#).
- The package org.apache.xmlgraphics.image.loader was added. It contains a general image loading framework for various image formats (bitmap & vector). Committed by JM.
- XMP: Added support for structured properties. Committed by JM.
- PostScript: Added classes for "BoundingBox" DSC comments. Committed by JM.
- Added support for classpath resources (find files in JAR files in the classpath using their MIME type) Committed by JM. Thanks to Max Berger. See Issue [42980](#).
- Application of the patch in Bugzilla 43069: New Macro safe-set-page-device which guards against the possibility of invalid/unsupported postscript key/values being issued to the implementing postscript page device Committed by CB. Thanks to Adrian Cumiskey. See Issue [43069](#).
- Bugfix for ISO 8601 date formatting with negative time zones in the XMP package. Committed by JM.
- Bugfix for XMP serialization: arrays with only one entry were serialized as simple property which could lead to information loss for merge operations. Committed by JM.
- PostScript: Fixed %%EOF checking for nested documents. Committed by JM.
- PostScript: Improved robustness of DSC parsing (multi-line comments with no value on the first line don't cause crashes anymore, fallback for unparsable DSC comments). Committed by JM.
- Fixed a possible NPE in the TIFF codec (in the TIFFImage constructor). Committed by JM. Thanks to Sergey Orlov. See Issue [43120](#).
- Support for Java 1.3 has been dropped. Java 1.4 or later is required now. Committed by JM.
- PostScript: Improved PSImageUtils by introducing the ImageEncoder interface and allowing for streams instead of byte arrays for data transfer which can lower memory consumption. Committed by JM.

### 2.2 Contributors to this release

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We thank the following people for their contributions to this release.

This is a list of all people who participated as committers:

Chris Bowditch (CB), Jeremias Märki (JM).

This is a list of other contributors:

Adam Strzelecki, Adrian Cumiskey, Max Berger, Sergey Orlov.

### 3 Version 1.2 (21 July 2007)

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#### 3.1 Changes to the Code Base

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- Added support for CMYK and GRAY color spaces for PSGenerator (moved there from PSGraphics2D). Committed by JM. Thanks to Adrian Cumiskey. See Issue [42507](#).
- Fixed literal text string escaping in PSGenerator. Some characters were not properly escaped. Committed by JM.
- Fixed the PDF/A namespace according to ISO-19005-1:2005/Cor.1:2007 and deprecated the use of the draft PDF/A namespace used by Adobe Acrobat 7.x. Committed by JM.

#### 3.2 Contributors to this release

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We thank the following people for their contributions to this release.

This is a list of all people who participated as committers:

Jeremias Märki (JM).

This is a list of other contributors:

Adrian Cumiskey.

### 4 Version 1.1 (22 Dec 2006)

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#### 4.1 Changes to the Code Base

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- Added the start of an XMP metadata framework. Committed by JM.
- ImageWriter abstraction now supports writing multi-page formats like TIFF. Committed by JM.
- ImageWriter implementation for TIFF output using Image I/O API. Committed by JM.
- Default implementation for AbstractGraphics2D.drawText(ACI, float, float) so PSGraphics2D supports painting text using the AttributedCharacterIterator. Committed by JM. Thanks to Max Berger.
- Various fixes and improvements in the ImageWriter abstraction. Committed by JM.
- Bugfix: The generation of the PostScript setdash command was assuming that only integer values can be used but that isn't the case. Committed by JM.

#### 4.2 Contributors to this release

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We thank the following people for their contributions to this release.

This is a list of all people who participated as committers:

Jeremias Märki (JM).

This is a list of other contributors:

Max Berger.

## 5 Version 1.0 (17 Apr 2006)

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### 5.1 Changes to the Code Base

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- Initial release with several components from Batik and FOP: Image codecs, Image writer abstraction, I/O classes, Java2D helpers, PostScript library with Graphics2D implementation. Committed by JM.

### 5.2 Contributors to this release

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We thank the following people for their contributions to this release.

This is a list of all people who participated as committers:

Jeremias Märki (JM).

## 6 All Committers

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This is a list of all people who have ever participated as committers on this project.

- Max Berger (MB)
- Chris Bowditch (CB)
- Adrian Cumiskey (AC)
- Christian Geisert (CG)
- Vincent Hennebert (VH)
- Clay Leeds (CL)
- Jeremias Märki (JM)
- Cameron McCormack (CM)
- Simon Pepping (SP)
- Volunteer needed (open)