

History of Changes 0.94

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1 Introduction and explanation of symbols

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

2 Version 0.94 (24th August 2007)

2.1 Changes to the Code Base

- Support for keep-together.within-line="always". Committed by MM.
- Add support for conditional spaces in table-cells. Committed by VH.
- Support alignment-adjust for images. Committed by AD. Thanks to Max Berger. See Issue [42785](#).
- Partial application of the patch in Bugzilla 41044: * addition of a generic PropertyCache to be used by all Property types that can be safely canonicalized * modified EnumProperty, StringProperty, NumberProperty, EnumNumber and FixedLength to make use of the cache infrastructure Committed by AD. Thanks to Richard Wheeldon. See Issue [41044](#).
- Slight improvement of relative font-weight handling in the properties package. Committed by AD.
- Add support for font auto-detection (easier font configuration). Committed by JM. Thanks to Adrian Cumiskey. See Issue [41831](#).
- Add support for exact positioning of internal PDF links. Committed by JM. Thanks to Paul Vinkenoog. See Issue [42067](#).
- Add support for the collapsing-border model in tables. Committed by VH, JM. See Issue [36934](#).
- Add support for named destinations in PDF. Committed by JB.
- Add support for a two-pass production for PostScript output to minimize file size. This adds images only once and adds only the fonts that are really used. Committed by JM.
- Support for GIF images in RTF output (RTF handler, only. Does not affect the RTF library.) Committed by JM.
- Support for soft masks (transparency) with ImageIO image adapter. Committed by JM.
- Added support for the soft hyphen (SHY) character. Committed by MM.
- Added support for line-height-shift-adjustment property. Committed by MM.
- Added support for the system property fop.home to cli.Main.getJARList(). Committed by SP.

-  Added support for display-align for table-cell in RTF output. Committed by JM. See Issue [40930](#).
-  Added support for UAX#14 type line breaking. Support does not extend across nested fo:inline elements. Committed by MM.
-  AFP Renderer: Bugfix for 1 bit images where the width is not a multiple of 8. Committed by JM.
-  Fixed incomplete support for Unicode Word Joiner characters (U+2060 and U+FEFF). Committed by MM.
-  Fixed the rendering of zero-width spaces for certain fonts by not generating them into the area tree. Committed by JM. Thanks to Paul Vinkenoog. See Issue [42109](#).
-  Fixed a problem with disappearing footnotes inside hyphenated inlines (and footnotes with hyphenated inline child). Committed by LF.
-  Fix PDF Generation for non-ASCII compatible locales. Committed by JM. Thanks to Martin Kögler. See Issue [41434](#).
-  Fix several exceptions when break-before/after is set on the first/last row of a table. Committed by VH.
-  Fix extra page break when break-before is set on both a table and its first row. Committed by VH.
-  Make keep-with-next and keep-with-previous work on fo:table. Committed by VH.
-  Fixed a problem with keep-with-next on table-rows. Once a keep-with-next was set inside a table, the FO following the table would always be glued to the previous table. Committed by JM.
-  Fixed a problem with the auto-rotate-landscape setting in the PostScript renderer. It didn't generate the right setpagedevice command. Committed by JM.
-  Fixed an IllegalArgumentException for absolutely positioned block-containers with a border and no height/bpd set. Committed by JM.
-  If a line contained nothing but a linefeed, this didn't produce empty lines. Replaced the auxiliary zero-width box with a glue the width of a line, and shrinkable to zero-width. Committed by AD. See Issue [41652](#).
-  Stricter FOP user configuration checking Committed by VH. Thanks to Adrian Cumiskey. See Issue [40120](#).
-  Fix parsing 'url(...)' when the URL itself contains a bracketed part. Committed by AD. Thanks to Erwin Tratar. See Issue [41572](#).
-  Fix for NPE with PNG images for RTF output. Committed by JM.
-  Fix for properly parsing font-family names containing spaces. Committed by AD.
-  Fix incorrect behaviour of the BreakingAlgorithm when some inline content is wider than the available ipd, causing a restart. Committed by LF. See Issue [41019](#).

-  Fix for PDF corruption when a TrueType font with spaces in its name is embedded and no XML font metrics file for that font is used. Committed by JM.
-  Fix for ClassCastException when fo:wrapper was used as direct child of fo:flow. Note: "id" attributes are still not handled properly on fo:wrapper! Committed by JM. Thanks to Adrian Cumiskey. See Issue [41426](#).
-  Refactoring in the fo package: -> removal of the childNodes instance member in fop.fo.FObj -> addition of a firstChild instance member in fop.fo.FObj -> addition of a siblings instance member in fop.fo.FONode -> addition of a FONodeIterator interface in FONode + corresponding implementation in FObj -> changed implementations of FObj.addChildNode(), .removeChild() and .getChildNodes() Committed by AD. See Issue [41656](#).
-  Code cleanup and restructuring: Refactoring of PageSequenceLayoutManager and provide common FObj id property use Committed by AD. Thanks to Adrian Cumiskey. See Issue [42089](#).
-  Updated PDF/A-1b support according to ISO-19005-1:2005/Cor.1:2007. Committed by JM.
-  Use source resolution setting for bitmap images which don't provide their own resolution. Committed by JM. Thanks to Hussein Shafie. See Issue [42406](#).

2.2 Contributors to this release

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

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

Andreas Delmelle (AD), Jay Bryant (JB), Jeremias Märki (JM), Luca Furini (LF), Manuel Mall (MM), Simon Pepping (SP), Vincent Hennebert (VH), (VH, JM).

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