

Apache XML Graphics Commons

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1 Overview

Apache XML Graphics Commons is a library that consists of several reusable components used by [Apache Batik](#) and [Apache FOP](#). Many of these components can easily be used separately outside the domains of SVG and XSL-FO. You will find components such as a PDF library, an RTF library, Graphics2D implementations that let you generate PDF & PostScript files, and much more.

Apache XML Graphics Commons has only just begun. It's in the process of being populated with components coming from [Apache Batik](#) and [Apache FOP](#). Stay tuned for exciting treasures made available.

In the Wiki, we have a [plan for building Apache XML Graphics Commons](#). The plan provides an idea of what you can expect to find here when we're finished migrating components.

2 Features

Components which have been ported from [Apache Batik](#) and [Apache FOP](#) include:

Description	Package	Provenance
Image codecs for PNG and TIFF	org.apache.xmlgraphics.image.codec	Batik
Bitmap image writer abstraction with implementation for the above codecs and for the Image I/O API.	org.apache.xmlgraphics.image.writer	Batik
Java2D helper classes	org.apache.xmlgraphics.image.rendered and org.apache.xmlgraphics.java2d	Batik
Graphics2D implementation that produces PostScript and EPS	org.apache.xmlgraphics.java2d.ps	FOP
Helper classes for PostScript code production	org.apache.xmlgraphics.ps	FOP
Parser/Processor for DSC-compliant PostScript files (DSC = Document Structuring Conventions)	org.apache.xmlgraphics.ps.dsc	new
XMP metadata framework	org.apache.xmlgraphics.xmp	new
Various I/O classes, encoders and decoders for various formats	org.apache.xmlgraphics.util.io	Batik/FOP

3 News

3.1 7 March 2008: Version 1.3 Released

The most important addition in this release is an image loading framework which supports all sorts of different image formats (bitmap and vector) and is highly extensible. Support for Java 1.3 has been dropped. Java 1.4 or later is required now. Besides that there were a larger number of smaller additions and bugfixes. For details about other fixes, please see the [Changes](#) page.

3.2 21 July 2007: Version 1.2 Released

This release mainly adds support for CMYK and GRAY color spaces for PSGenerator. For details about other fixes, please see the [Changes](#) page.

3.3 22 December 2006: Version 1.1 Released

This release adds an XMP metadata framework and brings improvements for the ImageWriter package plus some minor fixes mainly in the PostScript area.

3.4 17 April 2006: Version 1.0 Released

This is the first release of Apache XML Graphics Commons. There are currently no known issues with the code.