

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.rendering 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)	org.apache.xmlgraphics.ps.dsc	new

Conventions)		
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. 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.

3.2. 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.

3.3. 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.