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215	eclipse-jasper	2.2.2.v201112011158	(see Appx. B: eclipse-jasper 2.2.2.v201112011158)	Eclipse Public License 1.0 (c.f. eclipse-jasper 2.2.2.v201112011158)	
216	eclipse-jasper	2.2.2.v201501141630	(see Appx. B: eclipse-jasper 2.2.2.v201501141630)	Eclipse Public License 1.0	
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258	gf.bean-validator.jar	4.3.0 (API 1.0)	(see Appx. B: gf.bean-validator.jar 4.3.0 (API 1.0))	GlassFish - Common Development and Distribution License 1.1	
259	gf.bean-validator.jar	5.0.0	(see Appx. B: gf.bean-validator.jar 5.0.0)	GlassFish - Common Development and Distribution License 1.1	
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270	gf.javax.el.jar	2.2.5	(see Appx. B: gf.javax.el.jar 2.2.5)	GlassFish - Common Development and Distribution License 1.1	
271	gf.javax.faces.jar	2.2.10	(see Appx. B: gf.javax.faces.jar 2.2.10)	GlassFish - Common Development and Distribution License 1.1	
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Version 3, 29 June 2007

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Version 3, 29 June 2007

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software program. That's why they were pre-processed to map directly the Unicode value with the CID value using a 64k char array. No data was changed in this process.

Additionally, the iTextAsian.jar contains some properties files with font metrics. These are included for the same reason AFM files are needed (see also the file mustRead.html shipped with the iText.jar). As defined in the PDF reference: "The width information for each glyph is stored both in the font dictionary and in the font program itself. (The two sets of widths must be identical; storing this information in the font dictionary, although redundant, enables a consumer application to determine glyph positioning without having to look inside the font program.)" See PDF Reference sixth edition section 5.1.3 (p393-394).

Whereas in the case of CJK fonts, the font program is subject to the Adobe Reader EULA, the font metrics aren't. Page 396: "Glyph metric information is also available separately in the form of Adobe font metrics (AFM) and Adobe composite font metrics (ACFM) files. These files are for use by application programs that generate PDF page descriptions and must make formatting decisions based on the widths and other metrics of glyphs. (...) Specifications for the AFM and ACFM file formats are available in Adobe Technical Note #5004, Adobe Font Metrics File Format Specification; the files can be obtained from the Adobe Solutions Network Web site."

Unfortunately the URL of these files has changed over time, and some metrics files seem to have been removed. However, you'll find sufficient information in the Technical Notes to build your own AFM and/or ACFM files if you ever need font metrics in the Adobe Font Metrics format.

Note that the properties files in the iTextAsian.jar contain font metrics, but they are not stored in the AFM or ACFM format. For reasons of performance, the font metrics were stored as key-value pairs. Compare the keys in the properties files with the keys mentioned in Table 5.19 on p456 of the PDF Reference. This way, the necessary key-value pairs can be imported directly into a Font Dictionary that is part of a PDF file created by iText.

These specific metrics files were created by Paulo Soares and may be used, copied, and distributed for any purpose and without charge, with or without modification

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Version: 2.0

Status: FCS

Release: 10 August 2009

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## XQuery API for Java (XQJ) 1.0 Specification

XQuery API for Java (XQJ) 1.0

Specification

March, 2009

Spec Lead: Jim Melton

Oracle

Editor: Marc Van Cappellen

DataDirect Technologies

This document is the Final Release of the XQuery API for Java (XQJ) 1.0.

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