

# The Java section

## 1. News

Version 1.0.4 released on 15 July 2002; minor improvements. The most significant is that people who did not install Xalan properly under JDK 1.4.0 get a more specific error message. It uses the most recent version of the BouncyCastle JCE now.

## 2. XML Security Release

The Apache-XML-Security-J 1.0.5D2 supports XML-Signature Syntax and Processing, W3C Recommendation 12 February 2002

Note that there is no standard API available at the moment. SUN is working on a JAVA Specification Request JSR-105: XML Digital Signature APIs on an API for XML Signature and JSR-106: XML Digital Encryption APIs, but until now, nothing has been published. So, this software does *not* conform to any of these specifications.

## 3. JDK 1.4 issues

If you use JDK 1.4 and want to use this software, be sure that Xalan is properly installed. Check the installation guide!!!

I have so many complaints from people who argue that the software throws exceptions during running the examples or during unit testing. This package NEEDS a Xalan version after 2.2D13 (and SUN shipped his JDK 1.4.0 final with a Xalan beta!). I started integrating the installation guide into the exception messages cause it seems that people don't have a look at the installation guide.