

# History of Changes

[RSS](#)

## 1. Version C++ 1.10 (March 2004)

- • Bug fixes for signature code
- Beta implementation of XML Encryption
- Initial implementation of pluggable algorithm handlers  
(BL)

## 2. Version C++ 1.00 (July 2003)

- • First stable release
- Support for FreeBSD, NetBSD and Cygwin builds
- All KeyInfo elements now available
- Various bug fixes  
(BL)

## 3. Version C++ 0.20 (May 2003)

- • Windows Crypto API interface
- Basic functions to extract information from signature objects
- Various bug fixes  
(BL)

## 4. Version Java 1.0.5 (unreleased)

- Ported the docs to Forrest  
(KW)

## 5. Version C++ 0.10 (unreleased)

- First release of a Beta for the C++ library.  
(BL)

## 6. Version Java 1.0.4 (15 July 2002)

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Java - People who did not install Xalan properly under JDK 1.4.0 now get a more specific error message.

(CGP)

- Java - We use the most recent version of the BouncyCastle JCE now.

(CGP)

## **7. Version Java 1.0.3 (unknown)**

- Java - Added support [Exclusive XML Canonicalization Version 1.0, W3C Recommendation 18 July 2002](#) . (There is no interop to test vector [Y4](#) because of a problem in Xalan)

Canonicalization is written completely new: it's about 5-80 times faster than the implementation in version 1.0.2. It's highly recommended to upgrade to the new version.

(CGP)

- Java - Added support for [XML-Signature XPath Filter 2.0, W3C Candidate Recommendation 18 July 2002](#)

(CGP)