Welcome to XML Security

1. News

1.1. April 2004

Version 1.1 of the Java library has been released. This version provides :
*   Beta implementation of XML Encryption
*   Bug fixes to Signature implementation

1.2. March 2004

Version 1.1 of the C++ library has been released. Supporting Xerces 2.5, 2.4 and 2.3 together with Xalan 1.6 and 1.7, this version provides :
*   Beta implementation of XML Encryption
*   Improved support for Windows Crypto API
*   Bug fixes to Signature implementation

1.3. August 2003

Version 1.00 of the C++ library is now released. This is the first stable release of the library. Functionality is still fairly basic, but all mandatory parts of the the DSIG standard are implemented.

This version supports Xerces 2.2 and 2.3 and Xalan 1.6.

1.4. May 2003

The Beta 0.20 of the C++ library has now been released. Features:
*   Ability to use the Windows Crypto API as a crypto provider
*   Several minor bug fixes in transforms and UNIX build process

1.5. February 2003

The site has now been re-built using the new xml.apache.org standard, using Forrest.

2. The Project

The XML Security project is aimed at providing implementation of security standards for XML. Currently the focus is on the W3C standards :

- XML-Signature Syntax and Processing; and
- XML Encryption Syntax and Processing.

Once these are implemented, XML Key Management is likely to be the next focus for the project.

Two libraries are currently available.

1. A Java library, which includes a mature Digital Signature implementation. Encryption is currently under development.
2. A C++ library is also now available. Functionality is currently more basic than that provided by the Java library.