

# Downloading the Libraries

## 1. Obtaining the Libraries

Source and binary distributions for both the Java and C++ libraries are available from one of the Apache mirrors.

[Click here](#) to choose the mirror closest to you.

If all else fails, the source can be downloaded directly from Apache.

## 2. Validating Distribution Signatures

All distributions are provided with signature *.sig* files. These contain PGP signatures for the related distribution. You should validate these using the keys found in the key file downloaded from the Apache site.

**Note:**

You should always use a key file downloaded from the Apache site directly rather than from a mirror.

Verification can be performed using :

```
% pgpk -a KEYS
% pgpv xml-security-bin-1_0_5D2.zip.sig
or
% pgp -ka KEYS
% pgp xml-security-bin-1_0_5D2.zip.sig
or
% gpg --import KEYS
% gpg --verify xml-security-bin-1_0_5D2.zip.sig
```

## 3. CVS Download

For the adventurous, this project's CVS repository can be checked out through anonymous (pserver) CVS with the following instruction set. When prompted for a password for anonymous, simply enter "anoncvs" without quotes:

```
cvs -d :pserver:anoncvs@cvs.apache.org:/home/cvspublic login
password: anoncvs
```

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```
cvs -d :pserver:anoncvs@cvs.apache.org:/home/cvspublic checkout  
xml-security
```