

XMLBeans Source and Binaries

1. Binary or source?

Most users will want to download a stable release of XMLBeans. If you're interested in contributing or like to live on the bleeding edge, you may want to compile the source for yourself.

JDK 1.4 is required for XMLBeans. If you need a version of XMLBeans for JDK 1.3, see the instructions on how to check out XMLBeans from CVS [below](#). If you're building XMLBeans from source, you will need to have [Ant](#) installed.

Once you've downloaded the distribution or checked out the source, you should:

- first read the README.txt
- read the [installation guide](#)
- check out the [samples](#) page
- check out the [documentation](#) page

2. XMLBeans Binary and Development Kit

Download XMLBeans Version 1.0.3 from one of the [Apache mirrors](#). You can also download from main [Apache Distribution Site](#)

You should verify the integrity of the files that you download. [Here](#) are some instructions for verifying the integrity of a downloaded file

3. XMLBeans Source

There are a few ways to get the XMLBeans source code. You can download the source for a particular release, browse the source using ViewCVS, or check the source out from CVS.

3.1. Source via CVSView

You can browse the XMLBeans source via [ViewCVS](#)

3.2. Source via CVS checkout

In CVS, you will find two versions of XMLBeans and samples. The currently stable version

we call 'v1' and corresponds to the 1.0.3 release. Only bug fixes are applied to v1. Active development is going on in the 'v2' version of XMLBeans. The samples usually apply to both versions.

If you have CVS installed on your machine you can issue the following commands to get XMLBeans source:

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

# get everything!
cvcs -d :pserver:anoncvcs@cvs.apache.org:/home/cvspublic checkout xml-xmlbeans

# or, just get the stable v1 version of XMLBeans
cvcs -d :pserver:anoncvcs@cvs.apache.org:/home/cvspublic checkout xml-xmlbeans/v1

# or, just get the v2 version of XMLBeans under development
cvcs -d :pserver:anoncvcs@cvs.apache.org:/home/cvspublic checkout xml-xmlbeans/v2

# or, just get the samples for XMLBeans
cvcs -d :pserver:anoncvcs@cvs.apache.org:/home/cvspublic checkout xml-xmlbeans/samples
```

A jdk1.3 version of XMLBeans v1 was ported by Matt Bishop and is available only from CVS in the branch named 'xmlbeans-jdk13_branch'. To check that branch out from cvs, run the command:

```
# or, get the stable v1 version of XMLBeans for jdk13
cvcs -d :pserver:anoncvcs@cvs.apache.org:/home/cvspublic checkout -r xmlbeans-jdk13_branch
```

3.3. Building XMLBeans

XMLBeans requires that you have the Ant installed.

3.3.1. Windows

After the steps above you should see an xml-xmlbeans directory:

```
cd xml-xmlbeans\v1
xbeanenv
ant
```

This will create a build directory containing the executables. The xbean.jar is in the xml-beans\v1\ar directory. Try `ant -projecthelp` to see other build options.

3.3.2. Unix

Building on Unix or Cygwin is essentially the same as for Windows:

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```
cd xml-xmlbeans/v1  
xbeanenv.sh  
ant
```