



Xerces Java Parser 1.4.4 Release

The Xerces Java Parser 1.4.4 supports the [XML 1.0](#) recommendation and contains advanced parser functionality, such as support for the W3C's [XML Schema recommendation version 1.0](#), [DOM Level 2 version 1.0](#), and [SAX Version 2](#), in addition to supporting the industry-standard [DOM Level 1](#) and [SAX version 1](#) APIs.

Note that because some of the standards are still not complete, the stable API will definitely be different from its current form in Xerces-J 1.4.4. This is your chance to give us feedback on the features that are important to you, and let us know whether the APIs that we are providing are the right ones. Please direct your feedback to the Xerces-J mailing list.

Extracting the Xerces-J 1.4.4 Source

The Xerces 1.x codebase has been migrated from CVS to Subversion. Since work began on Xerces 2.x the Xerces 1.x code has been located on a branch. To extract the Java sources for Xerces 1.x into a directory called "xerces1", enter the following command:

```
svn co http://svn.apache.org/repos/asf/xerces/java/branches/xerces_j_1/ xerces1
```

License Information

The Xerces-J 1.4.4 release is available in both source code and precompiled binary (JAR files) form. Both Xerces-J packages are made available under the [Apache Software License](#).

Applications of the Xerces-J Parser

The rich generating and validating capabilities allow the Xerces-J Parser to be used for:

- Building XML-savvy Web servers.
- The next generation of vertical applications which will use XML as their data format.

- On-the-fly validation for creating XML editors.
- Ensuring the integrity of e-business data expressed in XML.
- Building truly internationalized XML applications.

XML Schema 1.0 (beta) Support

This release includes full support for the W3C XML Schema Recommendation, except for limitations as described on the [XML Schema](#) page. We intend to remove these limitations and fix outstanding bugs in the next release of Xerces-J.

DOM Level 2 Support

This release includes support for DOM Level 2 [Core](#), [Events](#), and [Traversal and Range](#) modules. The DOM Level 2 specification is now a W3C Recommendation.

SAX 2 Support

This release includes support for the [SAX Version 2](#) APIs which have been finalized.

Configuration Mechanism

Xerces-J 1.4.4 uses a collection of methods to configure various settings in the parser. This release includes a new mechanism for setting parser switches. This mechanism uses the SAX2 configuration methods that are part of the XMLReader interface. We have defined a series of [properties](#) and [features](#) for the Xerces-J options.

Copyright © 1999-2005 The Apache Software Foundation. All Rights Reserved.