# Apache CXF 2.3.8 Release Notes

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# OVERVIEW

Apache CXF 2.3.8 delivers the latest set of patches and bug fixes for Apache CXF 2.3.x. This release fixes over 30 JIRA issues that have been reported by users.

# DOWNLOAD

Description	File	MD5
Source distribution	apache-cxf-2.3.8-src.tar. gz	apache-cxf-2.3.8-src.tar.gz. md5
	apache-cxf-2.3.8-src.zip	apache-cxf-2.3.8-src.zip.md5
Binary distribution	apache-cxf-2.3.8.tar.gz	apache-cxf-2.3.8.tar.gz.md5
	apache-cxf-2.3.8.zip	apache-cxf-2.3.8.zip.md5

# INSTALLATION PREREQUISITES

Before installing Apache CXF, make sure the following products, with the specified versions, are installed on your system:

- Java 5 Development Kit
- Apache ant 1.6

#### Java 5 Development Kit

You must install the J2SE Development Kit (JDK) 5.0, which can be downloaded from:

http://java.sun.com/j2se/1.5.0/download.jsp

After installing the JDK, set or modify the following environment variables:

- JAVA\_HOME set this environment variable to point at the root directory of the JDK 5.0 installation.
- PATH make sure that your PATH includes: %JAVA\_HOME%\bin (Windows)
  \$JAVA\_HOME/bin (UNIX)

#### Apache Ant 1.6.5 (or newer, 1.7.0 should work as well)

To run samples included in the binary distribution of Apache CXF, you must install the Apache Ant 1.6.5 build utility, which can be downloaded from:

http://ant.apache.org/bindownload.cgi

After installing Apache Ant, add the <AntInstallDir>/bin directory to your PATH.

For more details, see the Installation Guide.

# **BUILDING THE SAMPLES**

Building the samples included in the binary distribution is easy. Change to the samples directory and follow the build instructions in the README.txt file included with each sample.

### **REPORTING PROBLEMS**

If you have any problems or want to send feedback of any kind, please e-mail the cxf dev list, dev@cxf.apache.org. You can also file issues in JIRA at:

http://issues.apache.org/jira/browse/CXF

# CHANGELOG

For a more detailed view of new features and bug fixes, see the release notes.

