

# CXF 3.4.5 Release Notes

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### OVERVIEW

Apache CXF 3.4.5 delivers the latest set of patches and bug fixes for Apache CXF 3.4.x. This release fixes over 34 JIRA issues that have been reported by users.

### DOWNLOAD

Description	File	SHA512
Source distribution	apache-cxf-3.4.5-src.tar.gz	apache-cxf-3.4.5-src.tar.gz.sha256
	apache-cxf-3.4.5-src.zip	apache-cxf-3.4.5-src.zip.sha256
Binary distribution	apache-cxf-3.4.5.tar.gz	apache-cxf-3.4.5.tar.gz.sha256
	apache-cxf-3.4.5.zip	apache-cxf-3.4.5.zip.sha256

### INSTALLATION PREREQUISITES

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

- Java 8 Development Kit
- Maven 3.1 or later

## Java Development Kit

You must install the J2SE Development Kit (JDK) 8.0, which can be downloaded from:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

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 Java installation.
- PATH – make sure that your PATH includes:  
%JAVA\_HOME%\bin (Windows)  
\$JAVA\_HOME/bin (UNIX)

## 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](mailto:dev@cxf.apache.org). You can also file issues in JIRA at:

<https://issues.apache.org/jira/browse/CXF>

## CHANGELOG

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