

# Apache CXF 2.0.3 Incubating Release Notes

The Apache CXF team is proud to announce the 2.0.3 incubating release! Apache CXF (incubating) is a services framework focused on support for web service and Java standards. This release is mostly a patch release from 2.0.2 fixing over 80 reported issues. For a complete list, see: <https://issues.apache.org/jira/secure/ReleaseNote.jspa?version=12312800&styleName=Html&projectId=12310511&Create=Create>

The Apache CXF team welcomes outside involvement and would love to hear your feedback. More information on how to get involved can be found here.

## DOWNLOAD

Description	File	MD5
Source distribution	apache-cxf-2.0.3-incubator-src.tar.gz	apache-cxf-2.0.3-incubator-src.tar.gz.md5
	apache-cxf-2.0.3-incubator-src.zip	apache-cxf-2.0.3-incubator-src.zip.md5
Binary distribution	apache-cxf-2.0.3-incubator.tar.gz	apache-cxf-2.0.3-incubator.tar.gz.md5
	apache-cxf-2.0.3-incubator.zip	apache-cxf-2.0.3-incubator.zip.md5

## BOUNCY CASTLE/JCE REQUIREMENT FOR WS-SECURITY

To use the WS-Security features of CXF, you need to obtain a JCE crypto provider that implements the algorithms that you plan to use. One option is to download the Bouncy Castle jar from: <http://bouncycastle.org/download/bcprov-jdk14-136.jar> and add that to the lib directory or classpath.

## SAMPLES

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.

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

## **ERRATA**

- The org.apache.cxf.service.ServiceBuilder interface may be removed in a future release.
- We may add an improved WS-Security configuration mechanisms in the next release .

## **UPGRADING FROM XFIRE**

It is recommended that XFire users upgrade to CXF at this time. For more information, see the XFire Migration Guide.

## **UPGRADING FROM CELTIX**

It is recommended that Celtix users upgrade to CXF at this time. For more information, see the Celtix Migration Guide.