

# Third-party libraries

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## 1. Overview

## 2. Java Dependencies Libs for JPL-Core

Lib Name	Description
jpl-commons-*.jar [*]	The JPL <a href="#">commons</a> (base and collection) libraries.
<a href="#">commons-logging.jar</a>	Wrapper around a variety of <a href="#">logging API</a> implementations.
<a href="#">xercesImpl.jar</a>	A Java processor for parsing, validating, serializing and manipulating XML.
<a href="#">antlr-complete.jar</a>	<a href="#">ANTLR</a> , ANOther Tool for Language Recognition, is a language tool that provides a framework for constructing recognizers, interpreters, compilers, and translators from grammatical descriptions.

### Note:

[\*] See JPL Components dependencies.

## 3. Java Dependencies Libs for rendering spectra

Lib Name	Description
<a href="#">jfreechart.jar</a>	<a href="#">JFreeChart</a> is a free 100% Java chart library that makes it easy for developers to display professional quality charts in their applications.
<a href="#">jcommon.jar</a>	<a href="#">JCommon</a> is a Java class library that is used by JFreeChart.