

# Open source software shipped with CAST AIP

- [CAST AIP \(AIP Core, AIP Console, CAST Dashboards etc.\)](#)
- [CAST Imaging](#)

The following table lists all the open source software that is included and shipped in CAST AIP and other CAST AIP related software (such as CAST Imaging):

## CAST AIP (AIP Core, AIP Console, CAST Dashboards etc.)

Name	Description / License	Version
aopalliance	Public domain	1.0
Apache Commons	Common I/O library : (@2010) Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	2.0.1
Apache Commons Codec	Common encoders/decoders : (@2004) Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	1.3
Apache Commons Collections	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	3.2.1
Apache Commons DBCP	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	1.4
Apache Commons FileUpload	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	1.2.2
Apache Commons Lang	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	2.6
Apache commons logging	A logging component: (© 2007) Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> ) for java and .NET	1.1.1
Apache Http Components	A java component focused on HTTP and associated protocols (@2009) Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	4.0.1
Apache Maven artifact	(@2013) to extract sources from maven repositories Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	3.0.5
Apache Mime4J	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	0.6
Arabica	An XML and HTML processing toolkit written in C++: (© 2001-2012 Jez UK Ltd) ; <a href="http://sourceforge.net/projects/Arabica/files/Arabica/November-12/Arabica-2012-November.zip/download">http://sourceforge.net/projects/Arabica/files/Arabica/November-12/Arabica-2012-November.zip/download</a>	2012
Backbone	MIT Software License <a href="http://github.com/jashkenas/backbone/blob/master/LICENSE">http://github.com/jashkenas/backbone/blob/master/LICENSE</a>	1.1.2
Boost Software	A portable C++ library (License - August 17th, 2003 <a href="http://www.boost.org/LICENSE_1_0.txt">http://www.boost.org/LICENSE_1_0.txt</a> )	1.55.0
handlebars	MIT Software License <a href="https://github.com/wycats/handlebars.js/blob/master/LICENSE">https://github.com/wycats/handlebars.js/blob/master/LICENSE</a>	1.3.0
Isomorphic SmartClient	LGPL	8.1
Jackson	Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	2.4.3
Jersey	<a href="https://jersey.java.net/license.html">https://jersey.java.net/license.html</a> ==> Jersey is dual licensed under 2 OSI approved licenses : <ul style="list-style-type: none"> <li>• <a href="#">COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL - Version 1.1)</a></li> <li>• <a href="#">GNU General Public License (GPL - Version 2, June 1991)</a> with the ["Classpath Exception"]</li> </ul>	1.17

Jetty	An internal web server (Eclipse Public License Version 1.0, <a href="http://www.eclipse.org/jetty/licenses.php">http://www.eclipse.org/jetty/licenses.php</a> )	7.0.1
jquery	MIT Software License <a href="https://jquery.org/license/">https://jquery.org/license/</a>	1.8.2 / 1.10.1/ 2.1.1
jquery.cookie	(MIT)	1.4.0
jquery.mousewheel	MIT Software License <a href="https://github.com/brandonaaron/jquery-mousewheel/blob/master/LICENSE.txt">https://github.com/brandonaaron/jquery-mousewheel/blob/master/LICENSE.txt</a>	3.1.3
jquery.noselect	no licence declared	1.0.3
jquery.tablesorter	Dual licensed under MIT ( <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a> ) or GPL ( <a href="http://www.opensource.org/licenses/gpl-license.php">http://www.opensource.org/licenses/gpl-license.php</a> ) licenses.	2.0.3 / 2.13.3
jquery.ui	MIT Software License - JQuery projects ( <a href="https://jquery.org/license/">https://jquery.org/license/</a> ) - <a href="http://en.wikipedia.org/wiki/MIT_License">http://en.wikipedia.org/wiki/MIT_License</a>	1.10.3
JTDS	jTDS is made available under the terms of the GNU Lesser General Public License ( <a href="http://www.gnu.org/copyleft/lesser.html">http://www.gnu.org/copyleft/lesser.html</a> )	1.2.5
Libxml2, libxslt	An XML parser and XSLT processor: Libxml2, libxslt (@2013) under MIT license ( <a href="http://opensource.org/licenses/mit-license.html">http://opensource.org/licenses/mit-license.html</a> )	
LLVM	LLVM Clang Compiler under BSD licence	3.7.1
Marionette	MIT	1.6.2
modaldialog	MIT Software License <a href="https://github.com/Ganbin/ModalDialog/blob/master/LICENSE">https://github.com/Ganbin/ModalDialog/blob/master/LICENSE</a>	0.3.2
moments	MIT Software License	2.0.0
nibbler	(no declared license)	0.1.0
numeral	(MIT)	1.4.8
OJDBC	Oracle Technology Network Development and Distribution License	6
Open XML SDK	Microsoft Public license : <a href="http://svn.abisource.com/abiword-testsuite/trunk/impexp/docx/Open%20XML%20SDK%202.0%20for%20Microsoft%20Office.docx">http://svn.abisource.com/abiword-testsuite/trunk/impexp/docx/Open%20XML%20SDK%202.0%20for%20Microsoft%20Office.docx</a>	2.0
PE/COFF 4J	A Java engineering library for portable executables under Common Public License - v1.0 : ( <a href="http://www.eclipse.org/legal/cpl-v1.0.html">http://www.eclipse.org/legal/cpl-v1.0.html</a> )	0.0.1
PostgreSQL	An internal database based on <b>PostgreSQL 9.2.3</b> (© 1996-2013 by the PostgreSQL Global Development Group). PostgreSQL is distributed under the terms of the license of the University of California after. Postgres95 is Copyright © 1994-5 by the Regents of the University of California	9.2.3
Prism	Microsoft license : <a href="http://msdn.microsoft.com/en-us/library/gg405489(PandP.40).aspx">http://msdn.microsoft.com/en-us/library/gg405489(PandP.40).aspx</a>	4.1.0
Protocol Buffer	A Google's data interchange format for persistence (© 2007) under New BSD License	2.4.1
Python	PSF <a href="https://docs.python.org/3/license.html">https://docs.python.org/3/license.html</a>	3.4
Chardet	Chardet: The Universal Character Encoding Detector license _lgpl-2.1-plus	2.3.0
Require	MIT (or BSD)	2.1.2
lxml	BSD	3.3.5
docutils	BSD	0.12
Jinja2	BSD	2.7.3
markupsafe	BSD	0.23
pg8000	BSD	1.13.2
scramp	MIT	1.1.0
semantic_version	BSD	2.3.0
sphinx	BSD	1.2.3
SQLAlchemy	MIT	0.9.7
sqlparse	BSD	0.1.12

cx_oracle	PSF	5.1.3
pyodbc	MIT	3.0.7
Cython	Apache	0.24
JPyype1	Apache	0.5.5.2
Pympler	Apache	0.4.3
PDCurses	<a href="#">MIT License</a>	2.2
decorator	new BSD License	4.0.9
javabridge	BSD License	1.0.14
networkx	BSD	1.11
sortedcontainers	Apache	1.4.4
raphael	(MIT)	2.1.0
RapidJSON	MIT <a href="https://github.com/miloyip/rapidjson/blob/master/license.txt">https://github.com/miloyip/rapidjson/blob/master/license.txt</a>	1.0.2
underscore	(MIT)	1.6.0
XML parser	(©2010) Under Apache License version 2.0 ( <a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a> )	3.1.1
Zorba	An XQuery processor (Copyright 2006-2008 The FLWOR Foundation) Version 1.4	1.4

## CAST Imaging

Name	Description/License	Version
Neo4j - Enterprise	Licensed: Graph Database for Imaging	4.2.1
<a href="#">ogma</a>	Licensed: Graph library	3.3.5
<a href="#">material-ui</a>	Design library	4.11.0
<a href="#">axios</a>	Http request	0.19.2
<a href="#">classnames</a>	Classnames manipulator	2.2.6
<a href="#">font-awesome</a>	Icons	4.7.0
<a href="#">html2canvas</a>	Screenshot	1.0.0
<a href="#">i18next</a>	Translations	10.6.0
<a href="#">interactjs</a>	Draggable and resizable components	1.3.4
<a href="#">jwt-decode</a>	JWT decoder	2.2.0
<a href="#">lodash</a>	Utility	4.17.20
<a href="#">prop-types</a>	Components prop validator	15.7.2
<a href="#">react</a>	UI library	16.13.1
<a href="#">redux</a>	State management	3.7.2
<a href="#">redux-saga</a>	Middleware	0.16.2
<a href="#">react-redux</a>	React redux connector	5.1.2
<a href="#">react-addons-css-transition-group</a>	Transitions	15.6.2
<a href="#">react-dom</a>	React DOM integration	16.13.1
<a href="#">react-draggable</a>	React draggable component	3.3.2
<a href="#">react-dropzone</a>	Fetch components dragged to UI	7.0.1
<a href="#">react-number-format</a>	Formatting Number	4.4.1

<a href="#">react-router-dom</a>	Router for react	5.2.0
<a href="#">react-select</a>	Dropdown components for react	2.4.4
<a href="#">react-slick</a>	React carousel component	0.23.2
<a href="#">react-split-pane</a>	React split UI components	0.1.92
<a href="#">react-window</a>	Manage large amount of UI elements	1.8.5
<a href="#">recompose</a>	Join multiple wrappers for component	0.27.1
<a href="#">slick-carousel</a>	Carousel	1.8.1
<a href="#">swagger-ui-dist</a>	Swagger API documentation	3.32.4
<a href="#">prismjs</a>	Syntax highlighter	1.23.0
<a href="#">nginx</a>	Proxy server used with Imaging	1.17.0
<a href="#">github.com/codegangsta/negroni</a>	A wrapper of http Listener	1.0.0
<a href="#">github.com/gorilla/mux</a>	Router framework for golang	1.7.3
<a href="#">github.com/neo4j/neo4j-go-driver</a>	Neo4j Go driver	1.8.0
<a href="#">github.com/sirupsen/logrus</a>	Logger framework	1.4.2
<a href="#">github.com/tealeg/xlsx</a>	CSV/XLSX writer for golang	1.0.5
<a href="#">github.com/x-cray/logrus-prefixed-formatter</a>	Formatter for logrus	0.5.2
<a href="#">github.com/google/uuid</a>	Uuid generator used in ETL	1.1.1
<a href="#">github.com/lib/pq</a>	Postgres connector used in ETL-Automation	1.10.0
<a href="#">github.com/fsnotify/fsnotify</a>	Event watcher used in ETL-Automation	1.4.7
<a href="#">lxml</a>	Tree parser for python	4.6.1
<a href="#">pg8000</a>	Postgres connector for Exporter	1.16.5
<a href="#">pyodbc</a>	ODBC Driver for python	4.0.30
<a href="#">SQLAlchemy</a>	SQL Database Toolkit for python	1.3.20
<a href="#">sqlparse</a>	SQL formatter for python	0.4.1