

## Acknowledgements

The **Starbase** project has now been running for six or seven years, and has accumulated an enthusiastic group of supporters, developers and testers. There's probably too many people to list them all, but those with a continuing close involvement include: John Cook, David Farn, Chris Green, Mark Horn, Andrew Lutley, Alan Melia, Laurence Newell, Norman Pomfret, Martin Richmond-Hardy. For further information, offers of assistance or requests for new features, please contact the team at [starbase@ukraa.com](mailto:starbase@ukraa.com). This project has also made extensive use of material from the projects shown below, as open source software libraries, design ideas, development tools and so on. Our grateful thanks to this huge body of people who in making their own dreams, have also facilitated ours.



## Starbase Libraries

These are all of the third-party libraries used in constructing Starbase. To the best of my knowledge and belief, their licence conditions all allow use in this software development. Please visit these websites for full details about these libraries. Many thanks to all of these developers for making such a huge set of resources freely available, without which Starbase would not have been possible! I've tried to put the latest updates at the beginning of this list. I am slowly working my way through, making sure they are all up to date :-)

Thanks also to Mark Horn for keeping these jars up to date!

Laurence Newell

2013-03-15

starbase@ukraa.com

<http://javaluator.sourceforge.net/en/home/>

2013-03-15

Javaluator.jar

Used for the MathematicalExpression DataType

<http://www.jdom.org/dist/binary/> Upgraded

2013-01-06

jdom-1.1.3.jar

Rome is now at:

<http://rometools.org/>

<https://rometools.jira.com/wiki/display/ROME/Home>

Previously:

<http://java.net/projects/rome/>

<http://wiki.java.net/bin/view/Javawsxml/Rome>

rome-1.0.jar

<http://geom-java.sourceforge.net/index.html> No Upgrade path to version 10

2011-11-19

JavaGeom

Currently used only for centroid calculation in GpsRadar plot

<http://www.oracle.com/technetwork/java/javase/downloads/jdk-6u27-download-440405.html>

2011-09-25

Java JDK

Not using Java 7 yet because there is no support for the Mac

<http://ant.apache.org/>

2011-09-25

WARNING! ant.jar must be kept up to date to be certain that the build tasks work correctly

v1.8.2

ant.jar

<http://www.jfree.org/jfreechart/> Upgraded

2013-02-06

jfreechart-1.0.14-demo.jar

jfreechart-1.0.14.jar

jcommon-1.0.17.jar

gnujaxp.jar

UKRAA also bought the JFreeChart manual!

<http://www.jstott.me.uk/jsuntimes/> No upgrade available

2011-06-20

jsuntimes@jstott.me.uk

jsuntimes-1-0.jar

Javadoc: <http://www.jstott.me.uk/jsuntimes/doc-1.0/>

Although in the end I removed the source from the jar  
and recompiled a simplified version.

<http://www.winterwell.com/software/jtwitter.php> No upgrade path available

2011-04-01

v1.8.6

jtwitter.jar

Javadoc <http://www.winterwell.com/software/jtwitter/javadoc/>

<http://mvnrepository.com/artifact/net.java.dev.jna/jna> Upgraded.

jna-3.5.1.jar

<http://www.grelf.net> No upgrade path available.

2011-02-18

GRIP.jar

<http://heasarc.gsfc.nasa.gov/docs/heasarc/fits/java/v1.0> Upgraded

2011-02-18

fits.jar

v1.10.0

<http://commons.apache.org/math/index.html> Upgraded

2013-02-07

v2.2

commons-math-2.2.jar

Javadoc <http://commons.apache.org/math/api-2.1/index.html>

<http://sourceforge.net/projects/opencsv/> No Longer Included in build

2010-04-03

v2.1

Source added in package au.com.bytecode.opencsv

Javadoc <http://opencsv.sourceforge.net/apidocs/index.html>

<http://code.google.com/p/javapng/downloads/list> No upgrade available

2010-03-11

javapng-2.0.jar

brokensuite-20070715.zip

Javadoc <http://javapng.googlecode.com/svn/trunk/javapng2/javadoc/index.html>

<http://xmlbeans.apache.org> Updated.

2013-02-06

jsr173\_1.0\_api.jar

xbean.jar

resolver.jar

xbean\_xpath.jar

xmlpublic.jar

xmlbeans-qname.jar

<http://www.jpedal.org/index.php> No upgrade path available

2013-02-07

pedal\_lgpl.jar

<http://www.oracle.com/technetwork/java/tablelayout-141489.html> No upgrade path available

2010-07-20

folderID=3487&expandFolder=3487&folderID=3487

<http://java.sun.com/products/jfc/tsc/articles/tablelayout/>

TableLayout-bin-jdk1.5-2009-08-26.jar

<http://www.oracle.com/technetwork/java/javasebusiness/downloads/java-archive-downloads-java-plat-419418.html#jaf-1.1.1-fcs-oth-JPR>

activation.jar

v1.1.1

<http://commons.apache.org/> Upgraded – commons-codec

commons-codec-1.7.tar

commons-httpclient-3.1.jar

commons-logging-1.1.1.jar

commons-lang3-3.1.jar

<http://www.mysql.com/> Updated.

connector-mxj.jar

mysql-connector-java-5.1.23-bin.jar

<http://sourceforge.net/projects/hsqldb/files/hsqldb/> Updated. 1.7.3.3

hsqldb.jar

<https://jdic.dev.java.net/> No upgrade available

jdic.jar

<http://java.sun.com/developer/techDocs/hi/repository/> No upgrade available

jlfgr-1\_0.jar

<http://java.sun.com/javase/technologies/core/mntr-mgmt/javamanagement/> No upgrade available

jmxri.jar

jmxtools.jar

<http://www.javateln.net.org/space/Download> No upgrade

jta26.jar

contrib.jar

<http://fisheye1.atlassian.com/browse/~raw,r=1.1/jtds/jtds/html/faq.html> Upgraded

jtds-1.3.0.jar

<http://www.junit.org/>

junit-4.0.jar

<http://www.oracle.com/technetwork/java/javamail/index-138643.html> Updated 1.4.6

mail.jar

smtp.jar

<http://www.jgoodies.com/> Updated

jgoodies-common 1.6.0

jgoodies-looks 2.5.3

<http://poi.apache.org/> Updated



poi-3.9-20121203.jar

<http://sourceforge.net/projects/saxon> Version 8.8.0.7 – No Further Upgrade Path

saxon8.jar

saxon8-xqj.jar

saxon8-xpath.jar

saxon8-xom.jar

saxon8-sql.jar

saxon8-jdom.jar

saxon8-dom4j.jar

saxon8-dom.jar

saxon8-ant.jar

<http://mlf.sourceforge.net/> No longer available

metouia.jar

<http://sourceforge.net/projects/oalnf/files/oalnf/3.0/> Updated.

oalnf.jar

<http://kickjava.com/src/org/compiere/plaf/CompierePLAF.java.htm> No Upgrade

CLooks\_120.jar

<http://sourceforge.net/projects/hsqldb/files/hsqldb/> Updated

servlet.jar

<http://rxtx.qbang.org/>

RXTXcomm.jar

<http://www.mortbay.org/jetty/> Updated

jetty-util-6.1.26.jar

jetty-6.1.26.jar

start.jar

<http://kunstoff.incors.com/> No Longer Under Active Development

kunstoff.jar

KEY:

Updated : Updated

No further upgrade path available = Upgrades are available but break the current build.