

CommonJavaJars - A package with useful libraries for Java GUIs

To reduce the package size of other R packages with Java GUIs and to reduce jar file conflicts, this package provides a few commonly used Java libraries.

You should be able to load them by calling the rJava `.jpackage` function (a good place is most likely the `.onLoad` function of your package):

```
.jpackage("CommonJavaJars", jars=c("forms-1.2.0.jar", "iText-2.1.4.jar"))
```

We provide the following Java libraries:

- Apache Commons Logging under the Apache License, Version 2.0, January 2004, <http://commons.apache.org/logging/>, Copyright 2001-2007 The Apache Software Foundation
- Apache jog4j under Apache License 2.0, <http://logging.apache.org/log4j/>, Copyright 2007 The Apache Software Foundation
- Apache Commons Lang under Apache License 2.0, <http://commons.apache.org/lang/>, Copyright 2001-2011 The Apache Software Foundation
- Apache POI under Apache License 2.0, <http://poi.apache.org/>, Copyright 2001-2007 The Apache Software Foundation
- Apache Commons Collections under the Apache License, Version 2.0, January 2004, <http://commons.apache.org/collections/>, Copyright 2001-2008 The Apache Software Foundation
- Apache Commons Validator under the Apache License, Version 2.0, January 2004, <http://commons.apache.org/validator/>, Copyright 2001-2010 The Apache Software Foundation
- JLaTeXMath under GPL \geq 2.0, <http://forge.scilab.org/index.php/p/jlatexmath/>, Copyright 2004-2007, 2009 Calixte, Coolsaet, Cleemput, Vermeulen and Universiteit Gent
- iText 2.1.4 under LGPL, <http://itextpdf.com/>, Copyright by Bruno Lowagie
- SwingWorker under LGPL, <https://swingworker.dev.java.net/>, Copyright (c) 2005 Sun Microsystems
- JXLayer under BSD License, <https://jxlayer.dev.java.net/>, Copyright 2006-2009, Alexander Potchkin
- JGoodies Forms under BSD License, <http://www.jgoodies.com/freeware/forms/>, Copyright JGoodies Karsten Lentzsch
- AFCommons under BSD License, <http://www.algorithm-forge.com/afcommons/>, Copyright (c) 2007-2010 by Kornelius Rohmeyer and Bernd Bischl
- JHLIR under BSD License, <http://jhlir.r-forge.r-project.org/>, Copyright (c) 2008-2010 by Bernd Bischl and Kornelius Rohmeyer
- SGTK under BSD License, <http://www.algorithm-forge.com/rjavaclient/>, Copyright (c) 2007-2010 by Bernd Bischl and Kornelius Rohmeyer
- MySQL-Connector under GPL 2, <http://www.mysql.com/downloads/connector/j/>, Copyright (c) 2000, 2010 by Oracle and/or its affiliates
- JRIEngine and REngine under LGPL-2.1, <http://www.rforge.net/rJava/>, Copyright 2010 by Simon Urbanek. Please use these two jar files only if package rJava does not provide them.
- InfoNode Docking Windows under GPL-2, <http://www.infonode.net/index.html?idw>, Copyright 1998-2009 NNL Technology

Please note that we only recommend to use JRIEngine and REngine from this package if the rJava version is less than 0.8-3. Otherwise the package rJava provides these jar files.

```

# The following few lines are based on the code of the rJava .jpackage function
if (!is.null(sessionInfo()$otherPkgs$rJava$Version) && sessionInfo()$otherPkgs$rJava$Version < "0.8-3") {
  classes <- system.file("R28", package = "CommonJavaJars", lib.loc = NULL)
  if (nchar(classes)) {
    .jaddClassPath(classes)
    jars <- grep(".*\\.jar", list.files(classes, full.names = TRUE), TRUE, value = TRUE)
    if (length(jars)) {
      .jaddClassPath(jars)
    }
  }
}
# Otherwise load from rJava.

```