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):

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

But since the version numbers of the jar files in CommonJavaJars can change, best practice is to use the function loadJars and to specify only an unambiguous part of the name, if there are no reasons not to use the latest version:

```r
loadJars(c("forms", "iText"))
```

We provide the following Java libraries:

- Apache Commons IO under the Apache License, Version 2.2 (last compatible with JDK 1.5), 2004, [http://commons.apache.org/io/](http://commons.apache.org/io/) Copyright 2002-2012 The Apache Software Foundation
- iTExt 2.1.4 under LGPL, [http://itextpdf.com/](http://itextpdf.com/) Copyright by Bruno Lowagie
- SwingWorker under LGPL, [https://java.net/projects/swingworker/](https://java.net/projects/swingworker/) Copyright (c) 2005 Sun Microsystems
- JXLayer under BSD License, [https://java.net/projects/jxlayer/](https://java.net/projects/jxlayer/) Copyright 2006-2009, Alexander Potockhin
- JSON Processing dual licensed under CDDL 1.1 and GPL 2 with Classpath Exception, [https://jsrnp.java.net/](https://jsrnp.java.net/) Copyright (c) 2011-2013 Oracle
- AFCCommons under the LGPL >= 2.1, [https://github.com/kornl/afcommons/](https://github.com/kornl/afcommons/) Copyright (c) 2007-2014 by Kornelius Rohmeyer, Bernd Bischl, Santhosh Kumar T (ComponentTitledBorder class), Jerry Huxtable (filter code), Sebastian Haufe (JListDnD class), Romain Guy (Star class), Oracle (CloseTabPanel)
- JHLIR under BSD License, [http://jhlir.r-forge.r-project.org/](http://jhlir.r-forge.r-project.org/) Copyright (c) 2008-2010 by Bernd Bischl and Kornelius Rohmeyer
- JRIEngine and REngine under LGPL-2.1, [http://www.rforge.net/rJava/](http://www.rforge.net/rJava/) Copyright 2010 by Simon Urbanek. Please use these two jar files only if package rJava does not provide them.

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.
if (!is.null(sessionInfo(\$otherPkgs\$Java\$version)) && sessionInfo(\$otherPkgs\$Java\$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.