

# Package ‘JGR’

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**Version** 1.6-2

**Title** JGR - Java Gui for R

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**Depends** R (>= 2.5.0), rJava (>= 0.5), JavaGD (>= 0.4-2), iplots (>= 1.1-2)

**RequiredLauncherGeneration** 2

**Description** Java GUI for R - cross-platform, universal and unified Graphical User Interface for R. For full functionality on Windows and Mac OS X JGR requires a start application which depends on your OS. This can be downloaded from JGR’s website: <http://www.rosuda.org/JGR>

**License** GPL version 2

**URL** <http://www.rosuda.org/JGR>

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`jgr.addItem`      *New JGR Console MenuItem*

---

**Description**

adds a new MenuItem to specified JGR Console Menu

**Usage**

```
jgr.addItem(menu, name, command)
```

**Arguments**

<code>menu</code>	Name of the menu that this item will be added to
<code>name</code>	Name of the menu item to add
<code>command</code>	R expression(s) as a string to be parsed and evaluated or a function that will be called (without arguments) when the menu item is selected

**Value**

MenuItem

**See Also**

[jgr.addMenu](#) [jgr.addMenuSeparator](#)

**Examples**

```
jgr.addMenu("Workspace")
jgr.addItem("Workspace", "Browse", "ls()")
jgr.addMenuSeparator("Workspace")
jgr.addItem("Workspace", "List Functions",
  function() unlist(lapply(ls(envir=.GlobalEnv),
    function(x) if (is.function(get(x))) x else NULL )))
```

---

`jgr.addMenu`      *New JGR Console Menu*

---

**Description**

adds a new Menu to MenuBar in JGR Console

**Usage**

```
jgr.addMenu(name)
```

**Arguments**

name                    Menu name

**Value**

Menu

**See Also**

[jgr.addItem](#) [jgr.addMenuSeparator](#)

**Examples**

```
jgr.addMenu("Workspace")
jgr.addItem("Workspace", "Browse", "ls()")
jgr.addMenuSeparator("Workspace")
jgr.addItem("Workspace", "Browse (pos=2)", "ls(pos=2)")
```

---

`jgr.addMenuSeparator`

*New JGR Console MenuSeparator*

---

**Description**

adds a Separator to a Menu in JGR Console

**Usage**

```
jgr.addMenuSeparator(menu)
```

**Arguments**

menu                    name of the menu to add this separator to

**Value**

Menu

**See Also**

[jgr.addMenu](#) [jgr.addItem](#)

**Examples**

```
jgr.addMenu("Workspace")
jgr.addItem("Workspace", "Browse", "ls()")
jgr.addMenuSeparator("Workspace")
jgr.addItem("Workspace", "Browse (pos=2)", "ls(pos=2)")
```

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jgr.supplements      *Supplemental JGR functions*

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### Description

The following functions are publicly visible, but with the exception of JGR they are usually invoked from the GUI and rarely directly by the user.

JGR can be used to update JGR including dependent packages or to start JGR from within R. JGR is always started as an independent application and the preferred way to start JGR is using launchers that are provided from the JGR website <http://www.rosuda.org>

### Usage

```
JGR(update = FALSE)
installPackages(contriburl = NULL, type = getOption("pkgType"))
jgr.pager(file, header, title, delete.file)
jgr.set.options(..., useJavaGD = TRUE, useJGRpager = TRUE)
object.browser()
package.manager()
```

### Arguments

update	If set to TRUE then JGR is updated for the RoSuDa repository (internet connection is required).
contriburl	same as in <a href="#">install.packages</a>
type	JGR uses the package type set in the R options
file	file to show
header	header for each file
title	overall title for the display
delete.file	should the files be deleted after display? Used for temporary files.
useJavaGD	if set to TRUE, JavaGD is set as the default device
useJGRpager	if set to TRUE, <code>jgr.pager</code> function is used as the default pager
...	additional options to set

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