

Package ‘JavaGD’

May 7, 2026

Version 0.6-6

Title Java Graphics Device

Maintainer Simon Urbanek <Simon.Urbanek@R-project.org>

Depends R (>= 2.4.0)

Imports rJava (>= 0.5-0), grDevices, graphics

Description Graphics device routing all graphics commands to a Java program. The actual functionality of the JavaGD depends on the Java-side implementation. Simple AWT and Swing implementations are included.

License GPL-2 | GPL-3

SystemRequirements GNU make and Java JDK 1.2 or higher

URL <https://www.rforge.net/JavaGD/>

BugReports <https://github.com/s-u/JavaGD/issues>

NeedsCompilation yes

Author Simon Urbanek [aut, cre, cph] (<https://urbanek.nz>, ORCID: <<https://orcid.org/0000-0003-2297-1732>>)

Repository CRAN

Date/Publication 2025-08-19 14:54:48 UTC

Contents

JavaGD	2
Index	3

JavaGD

Create a new Java graphics device

Description

JavaGD initializes a new Java graphics device and creates a new window.

Usage

```
JavaGD(name="JavaGD", width=400, height=300, ps=12)
```

Arguments

name	Name of the device
width	Initial width of the window (usually in pixels, but the actual interpretation depends on the Java implementation)
height	Initial height of the window
ps	Initial point size

Value

Currently the return value is implementation dependent, mostly just the return code as returned by the low-level C function

Examples

```
## Not run:  
JavaGD()  
  
## End(Not run)
```

Index

* **device**

JavaGD, [2](#)

JavaGD, [2](#)

javaGD (JavaGD), [2](#)