

Package: rho.graphics (via r-universe)

July 21, 2026

Type Package

Depends R (>= 4.4.0)

Title Rho Async Graphics Artifacts

Version 0.0.1.9001

Description Renders R graphics asynchronously to declared devices and returns typed artifacts with dimensions, media types, hashes, and provenance. Worker rendering avoids dependence on the active interactive graphics device.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

Imports S7, rho.async (>= 0.0.1.9001), rho.compute (>= 0.0.1.9001), digest, grDevices

Suggests tinytest, knitr, ggplot2, svglite, ragg

Remotes RGenomicsETL/Rho/packages/rho.async,
RGenomicsETL/Rho/packages/rho.compute

URL <https://github.com/RGenomicsETL/Rho>,
<https://rgenomicsetl.github.io/Rho/rho.graphics/>

BugReports <https://github.com/RGenomicsETL/Rho/issues>

Config/roxygen2/version 8.0.0

Repository <https://rgenomicsetl.r-universe.dev>

Date/Publication 2026-07-21 22:15:31 UTC

RemoteUrl <https://github.com/RGenomicsETL/Rho>

RemoteRef HEAD

RemoteSha f3475cf000a379732d37cfb317754dec5ef2b4db

RemoteSubdir packages/rho.graphics

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`rho_graphics_contracts`*Graphic specifications, devices, and artifacts*

Description

Graphics are rendered from an explicit specification to an explicit device. `rho_render_graphic()` returns a task resolving to `RhoGraphicArtifact` or a typed `RhoGraphicErrorValue`. The mirai backend closes the graphics device before hashing the resulting file.

Details

Device and backend behavior are *S7* generics so extension packages may add formats and renderers without changing this package.

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