

Package: rho.bio (via r-universe)

July 21, 2026

Type Package

Depends R (>= 4.4.0)

Title Rho Bio Manifest and Run Substrate

Version 0.0.1.9001

Description Defines typed bioinformatics manifests, resources, operations, resolution receipts, observations, and run records. Validation keeps declared resources and evidence separate from model-generated text.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

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

Suggests tinytest, knitr

Remotes RGenomicsETL/Rho/packages/rho.async

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

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

Config/roxygen2/version 8.0.0

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

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

RemoteRef HEAD

RemoteSha f3475cf000a379732d37cfb317754dec5ef2b4db

RemoteSubdir packages/rho.bio

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rho_bio_contracts	<i>Bioinformatics resource and operation contracts</i>
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Description

Manifests declare virtual resources, resolvers, term sets, and operations. Resolution is asynchronous and returns a `ResolutionReceipt` containing the selected resolver version, parameter digest, source snapshots, result handle, and provenance.

Details

`rho.bio` defines the generic SQL contract but does not depend on a database implementation or the agent packages.

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