

Package: wickrabenchmark (via r-universe)

October 7, 2026

Type Package

Title Reproducible Quant-Research Benchmark

Version 0.2.0

Description R bindings for wickra-benchmark over its C ABI hub: create a benchmark runner, recompute a curated case or suite with the deterministic Wickra engine and confirm its report and hash - the same protocol as the CLI and every other binding.

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Depends R (>= 4.1)

URL <https://github.com/wickra-lib/wickra-benchmark>,
<https://wickra-lib.r-universe.dev>

BugReports <https://github.com/wickra-lib/wickra-benchmark/issues>

Encoding UTF-8

NeedsCompilation yes

SystemRequirements the wickra-benchmark C ABI shared library.
`configure` downloads the prebuilt library for this package's Version from the project's GitHub releases and bundles it, so an ordinary install needs nothing extra. To build against a local checkout instead, set WKBENCH_INC to bindings/c/include and WKBENCH_LIB to the directory holding a library you built yourself with `cargo build -p wickra-benchmark-c --release`.

RoxygenNote 7.3.2

Config/pak/sysreqs libclang-dev

Repository <https://wickra-lib.r-universe.dev>

Date/Publication 2026-10-06 00:30:36 UTC

RemoteUrl <https://github.com/wickra-lib/wickra-benchmark>

RemoteRef v0.2.0

RemoteSha c56662dc1af42b88941eb34047f3d95ddfffaab4

RemoteSubdir bindings/r

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wkbench_command	<i>Apply a command JSON and return the resulting response JSON.</i>
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Description

Apply a command JSON and return the resulting response JSON.

Usage

wkbench_command(benchmark, cmd_json)

Arguments

- benchmark A benchmark handle from [wkbench_new\(\)](#).
- cmd_json A command JSON string.

Value

The response as a JSON string.

wkbench_new	<i>Create a benchmark runner.</i>
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Description

Create a benchmark runner.

Usage

wkbench_new()

Value

A wickra_benchmark handle (an external pointer).

wkbench_version	<i>The wickra-benchmark library version.</i>
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Description

The wickra-benchmark library version.

Usage

wkbench_version()

Value

A version string.

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