

Package: wickrazk (via r-universe)

October 7, 2026

Type Package

Title Zero-Knowledge Proofs of Backtest Performance

Version 0.2.0

OS_type unix

Depends R (>= 4.1)

Description R bindings for wickra-zk over its C ABI hub. Prove that a backtest was run honestly - the report, its hash and the headline metrics - without revealing the price data or the strategy that produced it. The proof is a RISC Zero receipt over the same deterministic engine every other binding drives, so a verdict reached here is the verdict reached anywhere. Proving runs a zkVM and takes seconds to minutes; verification is fast.

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URL <https://github.com/wickra-lib/wickra-zk>

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

Encoding UTF-8

NeedsCompilation yes

SystemRequirements the wickra-zk C ABI shared library (WKZK_LIB) and its header (WKZK_INC).

Config/roxygen2/version 8.0.0

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

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

RemoteRef v0.2.0

RemoteSha f094fd4a033cb38a6caf8604cc931ed41ea82186

RemoteSubdir bindings/r

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wkzk_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

wkzk_command(prover, cmd_json)

Arguments

- prover A prover handle from [wkzk_new()].
- cmd_json A command JSON string.

Value

The response as a JSON string.

wkzk_new	<i>Create a stateless prover.</i>
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Description

Create a stateless prover.

Usage

wkzk_new()

Value

A ‘wickra_zk’ handle (an external pointer).

wkzk_version	<i>The wickra-zk library version.</i>
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Description

The wickra-zk library version.

Usage

wkzk_version()

Value

A version string.

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