

Package: wickratimemachine (via r-universe)

October 7, 2026

Type Package

Title Reconstruct Recorded Crypto Market Microstructure at Any Past Moment

Version 0.2.0

Description R bindings for wickra-timemachine over its C ABI hub: a deterministic re-fold reconstructs the byte-identical market microstructure snapshot at any recorded timestamp - the same protocol as the CLI and every other binding.

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

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

Depends R (>= 4.1)

Encoding UTF-8

NeedsCompilation yes

SystemRequirements the wickra-timemachine C ABI shared library (WKTIMEMACHINE_LIB) and its header (WKTIMEMACHINE_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-timemachine>

RemoteRef v0.2.0

RemoteSha 0634179f8e83fcf05581ccf624a71688f38753e2

RemoteSubdir bindings/r

Contents

wktimemachine_command	2
wktimemachine_new	2
wktimemachine_version	3

Index	4
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wktimemachine_command *Apply a command JSON and return the resulting response JSON.*

Description

Apply a command JSON and return the resulting response JSON.

Usage

```
wktimemachine_command(tm, cmd_json)
```

Arguments

tm	A time-machine handle from [wktimemachine_new()].
cmd_json	A command JSON string ('load', 'seek', 'state_at', 'play', 'version').

Value

The response as a JSON string.

wktimemachine_new *Build a time-machine handle from a spec JSON.*

Description

Build a time-machine handle from a spec JSON.

Usage

```
wktimemachine_new(spec_json)
```

Arguments

spec_json	A 'TimelineSpec' JSON string ('' uses the default spec).
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Value

A 'wickra_timemachine' handle (an external pointer).

wktime-machine_version *The wktime-machine library version.*

Description

The wktime-machine library version.

Usage

```
wktime-machine_version()
```

Value

A version string.

Index

wktime-machine_command, [2](#)
wktime-machine_new, [2](#)
wktime-machine_version, [3](#)