

Package: wickradarwin (via r-universe)

October 7, 2026

Type Package

Title Evolutionary Strategy Search over Wickra Strategy Specs

Version 0.2.0

Description R bindings for wickra-darwin over its C ABI hub: a seeded EvolveSpec drives a byte-identical genetic search over Wickra strategy specs - the same protocol as the CLI and every other binding.

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

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

Depends R (>= 4.1)

Encoding UTF-8

NeedsCompilation yes

SystemRequirements the wickra-darwin C ABI shared library (WKDARWIN_LIB) and its header (WKDARWIN_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-darwin>

RemoteRef v0.2.0

RemoteSha 0400b52fa7f43b7de72c09b137ca1b2bbca3c8df

RemoteSubdir bindings/r

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wkdarwin_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

```
wkdarwin_command(darwin, cmd_json)
```

Arguments

darwin	A search handle from [wkdarwin_new()].
cmd_json	A command JSON string ('set_spec', 'evolve', 'best', 'version').

Value

The response as a JSON string.

wkdarwin_new	<i>Build a search handle from a spec JSON.</i>
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Description

Build a search handle from a spec JSON.

Usage

```
wkdarwin_new(spec_json)
```

Arguments

spec_json	An 'EvolveSpec' JSON string ("" defers configuration to a later 'set_spec' command).
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Value

A 'wickra_darwin' handle (an external pointer).

wkdarwin_version	<i>The wickra-darwin library version.</i>
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Description

The wickra-darwin library version.

Usage

```
wkdarwin_version()
```

Value

A version string.

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