

# Package: wickrascreener (via r-universe)

October 7, 2026

**Type** Package

**Title** Data-Driven Multi-Symbol Scan Core

**Version** 0.3.0

**Description** R bindings for wickra-screener over its C ABI hub: build a Screener from a spec JSON, drive it with command JSON and read back scan reports - the same protocol as the CLI and every other binding.

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

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

**Encoding** UTF-8

**NeedsCompilation** yes

**SystemRequirements** the wickra-screener C ABI shared library, downloaded automatically at install time from the matching GitHub release and bundled into the package by configure. Set WKSCREEN\_INC and WKSCREEN\_LIB to build against a locally built C ABI instead (e.g. after `cargo build -p wickra-screener-c --release`).

**Depends** R (>= 4.1)

**Config/roxygen2/version** 8.0.0

**Config/pak/sysreqs** libclang-dev

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

**Date/Publication** 2026-10-06 01:48:45 UTC

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

**RemoteRef** v0.3.0

**RemoteSha** 52b66f99f91b8f724c4316d1ffede18dab158f57

**RemoteSubdir** bindings/r

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|------------------|---------------------------------------------------------------------|
| wkscreen_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

wkscreen\_command(screener, cmd\_json)

Arguments

- screener           A screener handle from [wkscreen\_new()].
- cmd\_json           A command JSON string.

Value

The response as a JSON string.

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|              |                                                  |
|--------------|--------------------------------------------------|
| wkscreen_new | <i>Build a screener from a spec JSON string.</i> |
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Description

Build a screener from a spec JSON string.

Usage

wkscreen\_new(spec\_json)

Arguments

- spec\_json           A JSON spec string.

Value

A ‘wickra\_screener’ handle (an external pointer).

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|                  |                                             |
|------------------|---------------------------------------------|
| wkscreen_version | <i>The wickra-screener library version.</i> |
|------------------|---------------------------------------------|

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**Description**

The wickra-screener library version.

**Usage**

```
wkscreen_version()
```

**Value**

A version string.

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