

Package: replconnect (via r-universe)

October 14, 2026

Title Connect to an R Session from Neovim

Version 0.1.0

Description Serves the R session's variables, a grid viewer, runtime completion and plots to the replconnect Neovim plugin over a Unix-domain socket, using the REPLConnect protocol (docs/protocol.md). Designed for the arf console, where requests are handled on R's main thread while R is idle at the prompt.

License file LICENSE

Encoding UTF-8

Roxygen list(markdown = TRUE)

Depends R (>= 4.2)

Imports methods, utils

Suggests testthat (>= 3.0.0), R6, tibble, data.table, unigd

SystemRequirements Cargo (Rust's package manager), rustc; Unix (Linux, macOS)

OS_type unix

Config/testthat/edition 3

Config/rextendr/version 0.4.0

Config/roxygen2/version 8.1.1

Config/pak/sysreqs libclang-dev

Repository <https://arnold-c.r-universe.dev>

Date/Publication 2026-10-14 04:13:31 UTC

RemoteUrl <https://github.com/arnold-c/REPLConnect.R>

RemoteRef HEAD

RemoteSha 6d698b02e41008f4d44cd694b0010f5e573b2999

RemoteSubdir replconnect

Contents

capture_plots	2
record_history	2
serving	3
shutdown	3
start	3
Index	4

capture_plots	<i>Capture plots from the unigd device</i>
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Description

Turning capture on makes unigd the default graphics device and publishes each new plot as a PNG to subscribed editors. Turning it off restores the previous device setting and deletes the retained files. Calling it while capturing only changes the retention limit.

Usage

```
capture_plots(enable = TRUE, limit = PLOT_DEFAULT_LIMIT)
```

Arguments

- enable TRUE to capture, FALSE to stop.
- limit Plots (files) to retain; the oldest are pruned.

Value

Whether plots are being captured, invisibly.

record_history	<i>Enable or disable session input history</i>
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Description

Recording is on by default. Disabling it forgets retained inputs and removes the history capability; clients are notified when the setting changes. Change tracking continues even while history recording is disabled.

Usage

```
record_history(enabled = TRUE)
```

Arguments

enabled A single TRUE or FALSE.

Value

The new recording setting, invisibly.

serving	<i>Is this session being served?</i>
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Description

Is this session being served?

Usage

serving()

shutdown	<i>Stop serving this R session</i>
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Description

Disconnects clients and removes the socket and discovery record. R keeps running. Idempotent.

Usage

shutdown()

Value

TRUE if a server was running, invisibly.

start	<i>Serve this R session to the replconnect Neovim plugin</i>
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Description

Listens on /tmp/replconnect-`<uid>/<pid>.sock` (or `$REPLCONNECT_DIR`) and writes a discovery record next to it. Idempotent.

Usage

start()

Value

The socket path and start time, invisibly.

Index

`capture_plots`, [2](#)

`record_history`, [2](#)

`serving`, [3](#)

`shutdown`, [3](#)

`start`, [3](#)