Package: futureverse (via r-universe)

November 23, 2026

Title Install 'Futureverse' in One Go

Version 0.3.0-9001

Imports future, futurize, future.apply, furrr, doFuture, progressify, progressr

Suggests future.batchtools, future.callr, future.mirai, RhpcBLASctl

Description The 'Futureverse' is a set of packages for parallel and distributed processing with the 'future' package at its core (Bengtsson, 2021, <doi:10.32614/RJ-2021-048>). Another notable component is the 'futurize' package (Bengtsson, 2026, <doi:10.48550/arXiv.2601.17578>) for turning common sequential calls into parallel ones via a single function futurize(). Similarly, the progressify() of the 'progressify' package makes common calls to report on progress. This package is designed to make it easy to install common 'Futureverse' packages in a single step. This package is intended for end-users, interactive use, and R scripts. Packages must not list it as a dependency - instead, explicitly declare each 'Futureverse' package as a dependency as needed.

URL https://www.futureverse.org, https://github.com/futureverse/futureverse/

BugReports https://github.com/futureverse/futureverse/issues

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Encoding UTF-8

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Contents

futureverse_deps 2
futureverse_packages 2
futureverse_update 3

Index **4**

`futureverse_deps` *List all Futureverse dependencies*

Description

List all Futureverse dependencies

Usage

```
futureverse_deps(recursive = FALSE, repos = getOption("repos"))
```

Arguments

`recursive`	If `TRUE`, will also list all dependencies of Futureverse packages.
`repos`	The repositories to use to check for updates. Defaults to `getOption("repos")`.

Value

A base::data.frame with columns `package`, `cran`, `local`, and `behind`.

`futureverse_packages` *List all packages in the Futureverse*

Description

List all packages in the Futureverse

Usage

```
futureverse_packages(include_self = TRUE)
```

Arguments

`include_self`	Include **futureverse** in the list?

Value

Returns a character vector of package names.

Examples

```
futureverse_packages()
```

`futureverse_update` *Update Futureverse packages*

Description

This will check to see if all Futureverse packages (and optionally, their dependencies) are up-to-date, and will install after an interactive confirmation.

Usage

```
futureverse_update(recursive = FALSE, repos = getOption("repos"))
```

Arguments

`recursive`	If `TRUE`, will also list all dependencies of Futureverse packages.
`repos`	The repositories to use to check for updates. Defaults to `getOption("repos")`.

Value

Returns nothing; outputs installation instructions, if needed.

Examples

```
## Not run:
futureverse_update()

## End(Not run)
```

Index

base::data.frame, *2*

futureverse_deps, 2
futureverse_packages, 2
futureverse_update, 3