

Package ‘futureverse’

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Title Install 'Futureverse' in One Go

Version 0.2.0

Imports future, futurize, future.apply, furr, doFuture, 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, cf. Bengtsson (2021) <[doi:10.32614/RJ-2021-048](https://doi.org/10.32614/RJ-2021-048)>. 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>

License MIT + file LICENSE

Encoding UTF-8

RoxygenNote 7.3.3

NeedsCompilation no

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futureverse_deps	<i>List all Futureverse dependencies</i>
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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 <code>getOption("repos")</code> .

Value

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

futureverse_packages	<i>List all packages in the Futureverse</i>
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Description

List all packages in the Futureverse

Usage

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

Arguments

include_self	Include futureverse in the list?
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Value

Returns a character vector of package names.

Examples

```
futureverse_packages()
```

futureverse_update	<i>Update Futureverse packages</i>
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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 <code>getOption("repos")</code> .

Value

Returns nothing; outputs installation instructions, if needed.

Examples

```
## Not run:  
futureverse_update()  
  
## End(Not run)
```

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