

# Package: universe (via r-universe)

July 4, 2024

**Type** Package

**Title** Tools for Working with R-universe <<https://r-universe.dev>>

**Version** 1.0.0

**Description** Utilities to interact with the R-universe platform.  
Includes functions to manage local package repositories, as well as API wrappers for retrieving data and metadata about packages in r-universe.

**License** Apache License (>= 2)

**URL** <https://github.com/ropensci/universe>

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**Imports** curl, jsonlite, tibble, withr

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

**RemoteUrl** <https://github.com/ropensci/universe>

**RemoteRef** master

**RemoteSha** 031e34267e9a4f25a59e30ccb40765e4af04c5

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add	<i>Enable a package repository from r-universe</i>
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### Description

Adds r-universe package repositories to your options("repos") such that they are used by default in `install.packages()`. If the universe was already enabled, it will not be added again, hence it is harmless to call this function multiple times.

### Usage

```
add(universe = "ropensci")

remove(universe)
```

### Arguments

universe            vector with name(s) of the universe(s), i.e. the subdomain part of `https://ropensci.r-universe.dev`.

### Details

Note that changes to your options are not permanent. To automatically enable a repository for every R session, you can call this function in your `~/.Rprofile` script.

### Value

the updated list of repositories

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repo_snapshot	<i>Download snapshot</i>
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### Description

Downloads a full copy (snapshot) of an R package repository.

### Usage

```
repo_snapshot(repo, destdir = "snapshot", bin_versions = r_version())

r_version()
```

### Arguments

repo                url of the cran-like repository to snapshot

bin\_versions        vector with versions of R to download the win/mac binary packages. The default is to download binaries only for your local version. Set to `NULL` to not download any binaries.

**Examples**

```
repo_snapshot('https://jeroen.r-universe.dev', bin_versions = c("4.1", "4.2", "4.3"))
```

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`ru_search`*Search the R universe*

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**Description**

Free text search through package titles, authors, description, topics, etc.

**Usage**

```
ru_search(q, universe = NULL, ...)
```

**Arguments**

<code>q</code>	string to search for. Wrap in double quotes to get exact matches.
<code>universe</code>	which universe to target. Default is all universes.
<code>...</code>	extra parameters subject to change.

**Details**

The parameters and output fields are subject to change.

**Value**

dataframe with description data

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