

Package ‘mirrorselect’

July 22, 2025

Title Test CRAN/Bioconductor Mirror Speed

Version 0.0.3

Description Testing CRAN and Bioconductor mirror speed by recording download time of 'src/base/COPYING' (for CRAN) and 'packages/release/bioc/html/ggtree.html' (for Bioconductor).

Depends R (>= 3.4.0)

Imports utils, yulab.utils (>= 0.1.7)

License Artistic-2.0

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

Author Guangchuang Yu [aut, cre] (ORCID:
<<https://orcid.org/0000-0002-6485-8781>>)

Maintainer Guangchuang Yu <guangchuangyu@gmail.com>

Repository CRAN

Date/Publication 2024-08-29 19:10:02 UTC

Contents

get_mirror	1
mirrorselect	2

Index	4
--------------	----------

get_mirror	<i>get_mirror</i>
------------	-------------------

Description

Access CRAN or Bioconductor mirror

Usage

```
get_mirror(repo = "CRAN", country = "global")
```

Arguments

repo one of 'CRAN' or 'BioC'
country specify the mirrors from a specific country. Default to 'global' without filtering.

Details

The mirror lists are obtained from <https://cran.r-project.org/mirrors.html> (CRAN) or https://bioconductor.org/BioC_mirrors.c (Bioconductor). This function allows user to extract mirrors from a specific country using internet country code.

Value

a vector of mirror urls

Author(s)

Guangchuang Yu

Examples

```
head(get_mirror())
```

mirrorselect

mirrorselect

Description

test download speed of CRAN mirrors by recording download time for mirror/src/base/COPYING

Usage

```
mirrorselect(mirrors)
```

Arguments

mirrors a vector of CRAN mirrors

Value

data frame with a column of mirror and second column of speed

Author(s)

Guangchuang Yu

Examples

```
m <- c("https://cloud.r-project.org/",
      "https://cran.ms.unimelb.edu.au/")

if (yulab.utils::has_internet()) {
  x <- mirrorselect(m)
  head(x)
}
```

Index

`get_mirror`, 1

`mirrorselect`, 2