

# Package: mirrorselect (via r-universe)

October 29, 2024

**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

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

**RemoteUrl** <https://github.com/yulab-smu/mirrorselect>

**RemoteRef** HEAD

**RemoteSha** fdb61a1c44c943b46d6337b81f2e03665bf45f29

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get_mirror	<i>get_mirror</i>
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## 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](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())
```

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<code>mirrorselect</code>	<i>mirrorselect</i>
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**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)
}
```

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