

Package: leaf13C (via r-universe)

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Title a global dataset of leaf D13C data

Version 0.2.2

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Description These are data from bulk leaf D13C data collected on many different species from across the world.

Depends R (>= 3.1.0)

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LazyData true

Encoding UTF-8

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Imports dplyr, rappdirs, datastorr (>= 0.0.3)

RoxygenNote 7.3.2

Config/pak/sysreqs libicu-dev libssl-dev

Repository <https://traitecoevo.r-universe.dev>

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RemoteUrl <https://github.com/traitecoevo/leaf13C>

RemoteRef HEAD

RemoteSha ec3791e3418eceabd54214ea1e23511caef2ab61

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get_data

*Get leaf13C dataset***Description**

Retrieve a versioned copy of the leaf13C dataset

Usage

```
get_data(version = NULL, path = NULL)

dataset_versions(local = FALSE, path = NULL)

dataset_version_current(local = FALSE, path = NULL)

dataset_del(version, path = NULL)
```

Arguments

version	Optional character string specifying the dataset version to retrieve. If NULL (default), the most recent available version will be used.
path	Optional file path to store and access the dataset locally. If NULL (default), a system-appropriate location will be used, determined via <code>rappdirs::user_data_dir("leaf13C")</code> .
local	Logical indicating if local or github versions should be polled. With any luck, <code>local=FALSE</code> is a superset of <code>local=TRUE</code> . For <code>mydata_version_current</code> , if <code>TRUE</code> , but there are no local versions, then we do check for the most recent github version.

Details

This function provides access to a versioned dataset hosted on GitHub using the **datastorr** framework. It will download and cache the dataset if not already available locally, and return it as a data frame.

If no version is specified, the most recent available version will be used. If no path is specified, a suitable persistent directory will be chosen automatically using `rappdirs::user_data_dir()`.

Value

A data frame containing the leaf13C dataset.

Examples

```
# Load the most recent version of the dataset
data <- get_data()

# Load a specific version of the dataset
data <- get_data(version = "0.1.0")
```

```
# Use a custom path  
data <- get_data(path = "~/my_data")
```

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