

Package: scrobbler (via r-universe)

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Type Package

Title Download 'Scrobbles' from 'Last.fm'

Version 1.0.3.9000

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Description 'Last.fm' <<https://www.last.fm>> is a music platform focussed on building a detailed profile of a users listening habits. It does this by 'scrobbling' (recording) every track you listen to on other platforms ('spotify', 'youtube', 'soundcloud' etc) and transferring them to your 'Last.fm' database. This allows 'Last.fm' to act as a complete record of your entire listening history. 'scrobbler' provides helper functions to download and analyse your listening history in R.

License GPL-3

Encoding UTF-8

RoxygenNote 7.2.3

Suggests httpptest, knitr, rmarkdown, testthat (>= 3.0.0)

URL <https://github.com/condwanaland/scrobbler>

BugReports <https://github.com/condwanaland/scrobbler/issues>

Imports httr, jsonlite

VignetteBuilder knitr

Config/testthat/edition 3

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

RemoteUrl <https://github.com/condwanaland/scrobbler>

RemoteRef HEAD

RemoteSha c06e09edbe7f3f5bfee40fd0bbfba3189bcd7fa

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download_scrobbles	<i>download_scrobbles</i>
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Description

download_scrobbles

Usage

```
download_scrobbles(
  username = get_lastfm_credentials("username"),
  api_key = get_lastfm_credentials("key"),
  max_per_page = 1000,
  max_pages = NULL
)
```

Arguments

username	Your last.fm account username
api_key	Your last.fm account api key
max_per_page	Controls the maximum number of songs on each page of the API. A lower number here will lead to a higher number total pages. Defaults to 1000. Mainly useful for testing.
max_pages	Controls the maximum number of pages to return from the API. By default it will fetch everything. Mainly useful for testing.

Value

A dataframe of songs and associated metadata

Examples

```
## Not run:
download_scrobbles(username = "your_username", api_key = "your_api_key")

## End(Not run)
```

`get_lastfm_credentials`
get_lastfm_credentials

Description

`get_lastfm_credentials`

Usage

`get_lastfm_credentials(env)`

Arguments

`env` One of 'username' or 'key', to return the username or key environment variable respectively

Value

Character string

Examples

```
## Not run:  
get_lastfm_credentials(env = 'username')  
get_lastfm_credentials(env = 'key')  
  
## End(Not run)
```

`get_last_timestamp` *get_last_timestamp*

Description

`get_last_timestamp`

Usage

`get_last_timestamp(scrobbles_df, timestamp_column)`

Arguments

`scrobbles_df` A dataframe output of 'download_scrobbles'
`timestamp_column`
 The column in 'scrobbles_df' that corresponds to the 'date_unix' column

Value

Numeric vector

Examples

```
## Not run:
get_last_timestamp(mydata, 'date_unix')

## End(Not run)
```

update_scrobbles	<i>update_scrobbles</i>
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Description

Companion function to ‘download_scrobbles’. Only downloads the scrobbles that have been stored since you ran ‘download_scrobbles’.

Usage

```
update_scrobbles(
  data,
  timestamp_column,
  username = get_lastfm_credentials("username"),
  api_key = get_lastfm_credentials("key"),
  max_per_page = 1000
)
```

Arguments

data	A dataframe outputted by ‘download_scrobbles’
timestamp_column	The ‘date_unix’ column in your dataframe
username	Last.fm API username
api_key	Last.fm API key
max_per_page	Controls the maximum number of songs on each page of the API. A lower number here will lead to a higher number total pages. Defaults to 1000. Mainly useful for testing. description

Value

A dataframe

Examples

```
## Not run:  
mydat <- download_scrobbles(username = "your_username", api_key = "your_api_key")  
update_dat <- update_scrobbles(mydat,  
  "date_unix",  
  username = "your_username",  
  api_key = "your_api_key")  
  
## End(Not run)
```

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